marantz®

2011 home entertainment

because music matters

ANY FILE POSSIBLE

The new AV7005 features network connections – so you can enjoy almost any music file from almost any device. The AV7005 offers audio streaming capabilities thanks to the built-in digital media player, so it can decode music files stored on your PC or external storage unit streamed via the network. Almost any file is possible including MP3, WMA, FLAC and AAC. And all handled with the best possible quality, thanks to the high quality built-in audio processing engine and Marantz Digital Audio Expander (M-DAX) technology for compressed audio.
With built-in vTuner Internet Radio, you can also enjoy thousands of on-line radio stations and with optional Bluetooth connectivity (RX101 module) music can even be streamed from a compatible Bluetooth device.

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DOLBY TRUEHD · dts-HD Master Audio · HDMI 3D · PC AUDIO STREAMING · ANCHOR BAY AB72015 · vTuner · CURRENT FEEDBACK · HDAM · MM Phono

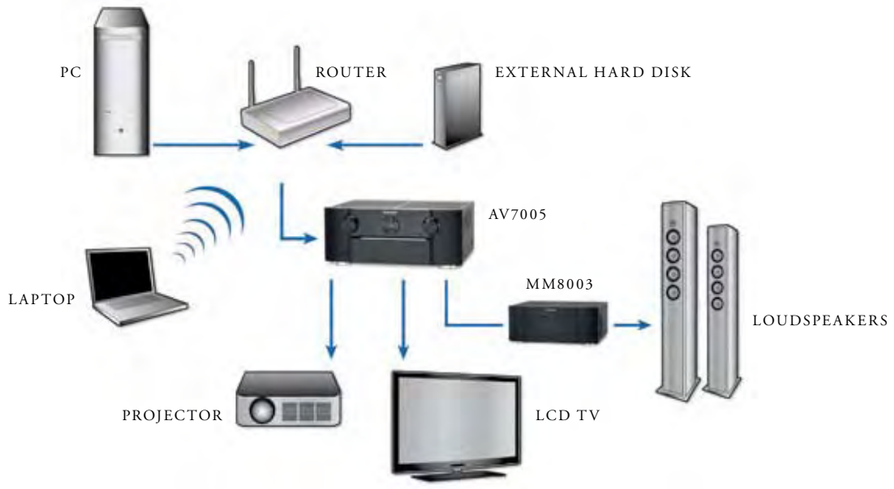
AV7005

MULTI-CHANNEL AV PRE-AMPLIFIER

New

The 7.2 channel AV7005 gives you superb audio quality thanks partially to Marantz-own HDAM modules and renown Marantz design. The audio signal is passed to the XLR outputs and the separate power amp. In addition, all audio signals enter the DSP in a variety of ways to ensure that all channels are kept completely separate, thus eliminating interfering 'channel crosstalk'. For example, you can route the audio signal via the network jack for streaming music from your PC or Internet radio. Alternatively, you can route it via one of the six HDMI 1.4a inputs, one of which is hidden behind the front flap for easy access. Here you can also find the iPod-digital-compatible USB input and a second double line display, which complements the famous elegant circular display with more detailed information. The AV7005 also takes supreme care of 3D video signals, even in stand-by mode, and sends them to the two HDMI 1.4a output sockets. And there is even a Phono MM input – ideal for those precious vinyls. It supports all the latest sound formats including Audyssey DSX by using the Sharc 32 Bit signal processor from Analog Devices, also for handling the MultEQ XT auto calibration. It's all there, just waiting to perform.

- Dolby TrueHD, DTS HD, Audyssey DSX
- Network streaming for audio and photo
- Internet radio
- Toroidal Power Transformer
- XLR pre-output x 8 channels
- Current Feedback circuitry with Marantz HDAM
- 6 in / 2 out HDMI 1.4a (3D)
- Video scaling up to 1080p
- iPod/iPhone compatible USB input
- Phono MM amplifier
- M-DAX2
- GUI
- Multi room/Multi source
- RS232C
- Learnable RC
- Available in Black



THRILLING HOME THEATRE

Ignite your senses and stretch your emotions with this latest collection of Marantz High Definition AV systems offering HD Audio Decoding, 1080p video scaling, network streaming for audio/video, and HD from Blu-ray. This collection of products builds on world-class excellence and now includes even more style, precision and functionality. For example, there's the new M1 design: based on the look and feel of the Marantz Premium Range, its three-piece construction dampens the front panel's resonance frequency, and protects the inner circuitry from signal-degrading influences. There's also Current Feedback amplification and Toroidal Transformers, with fast current delivery capability. And it doesn't stop there; your compressed audio files such as MP3 and AAC will sound sublime thanks to the Marantz Digital Audio Expander (M-DAX). There's never been a better time to be a true lover of music and movies.

MM8003

8-CHANNEL POWER AMPLIFIER

At the heart of this amplifier is a massive high-current, audiophile-grade, oversized Toroidal power transformer. It easily delivers more than 140 W to each of the eight channels, and in addition to its sheer power, it incorporates highgrade audio components throughout, extensive shielding of key components, and ultra-wide bandwidth Current Feedback technology. The amplification system was originally developed to handle Super Audio CD signals, so it's ideal for the new DTS-HD Master Audio and Dolby True HD formats. The chassis is completely copper-plated to deliver perfect grounding, and to eliminate EMI. The result is an amazingly accurate tonal and image balance, allied to speed and dynamics with very low distortion.

- 140 W x 8 ch (8 Ohms) Power Amplifiers
- Low Impedance Continuous Drive Capability
- Current Feedback Amplifier Circuit
- Massive Toroidal Power Transformer
- 8 ch XLR Input Terminals
- DC Trigger Control Inputs, DC Power Status Outputs, IR Flasher Input Terminals
- Output Channel Relay On/Off Control by Remote Signal (to Multi Zone Use)
- Copper-Plated Chassis
- Gold-Plated Speaker Terminals
- Marantz Designed Storage Capacitors for Quick Response to Rapidly Varying Sources
- Sophisticated new aluminium / reinforced resin front panel

MM7055

5-CHANNEL POWER AMPLIFIER

New

The new MM7055 is the five-channel option in this year's extended line-up of main amplifiers. Based on the technology used in the MM8003 and using the exact same chassis, it delivers a thumping 140 W RMS into 8 Ohms to each of the channels, while the ultra-wide bandwidth current feedback technology easily handles the highest SACD frequencies – this also makes it ideal for the high definition DTS Master Audio and Dolby TrueHD formats too. The result? Totally precise tonal and image balance, speed and dynamics. And on top of all that, you also get XLR audio inputs, DC triggers and a Marantz control bus system for remote on/off. There's even a stylish new display screen showing the actual output power. This is power and convenience to take your breath away.

- 5 x 140 W RMS 8 Ohms
- Current Feedback circuitry
- Balanced inputs
- Gold-plated speaker terminals
- DC trigger control inputs
- Marantz remote bus
- Available in Black

MM7025

2-CHANNEL POWER AMPLIFIER

New

The MM7025 is this year's ideal two-channel main amplifier with a whopping 140 W RMS into 8 Ohms per channel. Use it in an AV setup to give your front channels an earth-moving boost or simply to make a sensational upgrade to an existing stereo system. Because the technology is the same as that in the MM7055 and MM8003, using them in combination is fast, efficient and friendly. It's a great flexible customisation enabler. And, as with the big brother MM7055, it also includes a new stylish display, XLR inputs, DC triggers and Marantz bus.

- 2 x 140 W RMS 8 Ohms
- Current Feedback circuitry
- Balanced inputs
- Gold-plated speaker terminals
- DC trigger control inputs
- Marantz remote bus
- Available in Black

SR7005

HD 3D AV RECEIVER WITH AUDIO STREAMING

New

The new SR7005 AV Receiver with 7 x 125 W into 8 Ohms keeps cross channel contamination to an absolute minimum for ultra-precise signal processing. The 'muscle' power of the system comes from the current feedback circuitry with Marantz HDAMs and an oversized low impedance transformer for rapid current supply. Not even extreme demands for power will pull the SR7005 off balance. The 'brain' of the system is the latest 400 MHz Sharc DSP, which easily handles HD audio decoding including the Audyssey DSX and the MultEQ XT room calibration. The source signal can be either digital or analogue, and it can also be from a wide variety of inputs. Firstly, there are six HDMI 1.4a inputs – one of which is hidden behind the front flap for easy access. For new media there is a iPod-digital-compatible USB input, while the RJ45 Network jack provides connection to vTuner Internet radio and music services such as Napster and last.fm. You can even access your music library stored on computer (see the graphic on page 11). Classical analogue signals will come from the built-in FM tuner or via either the analogue input jacks or the Phono equalizer: which is ideal for vinyls. Video signals are also treated with loving care by ABT2015 video processing, a host of video adjustment possibilities and two HDMI 1.4a outputs supporting 3D video. It's all there, eager to please.

- Newly designed clean front panel with a porthole second display
- Marantz quality discrete 125 W Amp x 7 ch (8 Ohms, 20 Hz - 20 kHz)
- Current Feedback topology featuring Marantz HDAM circuits for Pre-amplifier
- Support HDMI ver.1.4a 3D, ARC and Content type, 6 Inputs (Front 1), 2 Outputs
- Support HDMI CEC, Deep Color, x.v.Color, Auto Lip Sync and Standby Pass Through (Last or selected one in menu)
- Front USB input for iPod/iPhone Digital connection (Audio) or USB Memory (Audio/Photo)
- Ethernet port for Audio/Photo streaming (Support DLNA1.5, Windows 7)
- Internet Radio through vTuner UI
- Streaming service capability: Napster / last.fm / flickr
- Dolby TrueHD, Digital Plus, Prologic IIz, IIx, II, Virtual Speaker, Headphone
- DTS-HD Master Audio, High Resolution Audio, ES Discete 6.1, Matrix6.1, Neo:6, 96/24, Express, Neural Surround
- Audyssey DSX, Dynamic Volume and Dynamic EQ
- Audyssey MultEQ XT Auto Calibration
- Audyssey MultEQ Pro for Custom Installation
- Bluetooth Wireless Audio Transmission Capability with option RX101
- Composite/Component to HDMI scaling up to 1080p
- HDMI to HDMI scaling
- Composite to Component Analogue up conversion
- OSD overlay on HDMI output
- Assignable HDMI, Component inputs
- Anchor Bay 10-bit Video Processing/Scaling
- M-DAX 2 (Improved Algorithm, Marantz Dynamic Audio eXpander ver.2)
- New colour GUI On-Screen Display
- Dot Matrix x 2 lines rich info. Display in the front door
- Input Rename, Skip, Level control
- Selectable various volume set-up: Power on, Limit and Mute level
- Phono (MM) input
- 11 pair screw-type speaker terminals
- Zone2 Audio Pre outputs, Component/Composite Video output
- Zone3 Audio Pre outputs
- 7.1 ch Pre out + second Subwoofer Pre out
- I/P Control
- RS-232C for Custom Installation
- Flasher In
- DC Trigger Out x 2
- Marantz D-Bus (RC-5) In/Out
- External IR Receiver Capability with option RX101
- Detachable Power Code (IEC320 2 pin type)
- Backlight, LCD, Learning and Pre-code System Remote Controller

Note: Product features highlighted in blue indicate improvements over SR6005 model

THE LATEST HOME THEATRE TECHNOLOGY

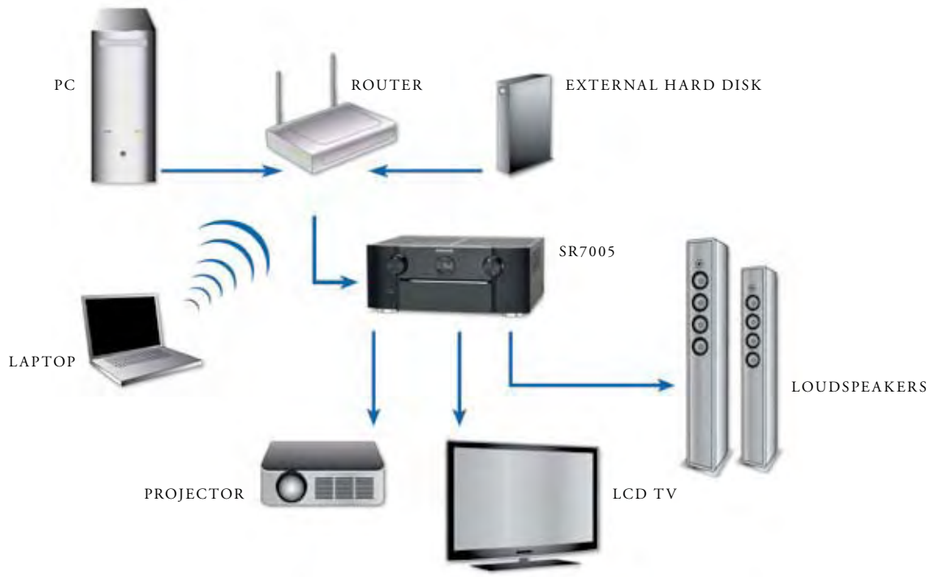
The latest version of the HDMI standard (1.4a) is also at work in this year's collection of Marantz AV Receivers*– to ensure that both movie lovers and gamers are completely future-proofed with spectacular 3D video support at 1080p HD. But that's not all. As you would expect with Marantz, we've built in a whole range of audio quality performance enhancements. For example, the power supply has been strengthened with a new power transformer and customized components. The signal processing power has also been enhanced by using the latest generation 32 Bit Sharc DSP from Analogue Devices. And it's not just performance that's been enhanced, there are also many convenience features in this year's line up. For example, auto set-up with microphone, video conversion for one cable connection to the TV set, and extended connectivity including HDMI front input.

Also, for the new way of enjoying media via the network / Internet, the top model includes an integrated media player. It's all pure enjoyment for the eyes and ears. And even when these units are not playing, they add style and attitude to the living room, thanks to their elegant design. Be it slim height AV, middle class AV with control button and front input hidden behind flap, or the top-of-the-range AV with a classy circular display – take a closer look, you can practically hear the quality.

** Some features not included in model NR1501*

ANY FILE POSSIBLE

The new SR7005 features network connections – so you can enjoy almost any music file from almost any device. The SR7005 offers audio streaming capabilities thanks to the built-in digital media player, so it can decode music files stored on your PC or external storage unit streamed via the network. Almost any file is possible including MP3, WMA, FLAC and AAC. And all handled with the best possible quality, thanks to the high quality built-in audio processing engine and Marantz Digital Audio Expander (M-DAX) technology for compressed audio.
With built-in vTuner Internet Radio, you can also enjoy thousands of on-line radio stations and with optional Bluetooth connectivity (RX101 module) music can even be streamed from a compatible Bluetooth device.



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SR6005

3D 7.1 HD AV RECEIVER WITH MULTI-ROOM SOUND

New

The new SR6005 is powerful … very powerful – 7 x 110 W RMS to be exact. Combined with high-quality audio processing this stylish box of tricks creates a devastatingly convincing cinematic experience… and thrusts you right into the heart of the action. That's because the digital audio signal – up to Dolby TrueHD and DTS-HD – is fed via one of the six 3D supporting HDMI 1.4a inputs. In addition, the system's Dynamic Volume control ensures that the sound remains the same level even when a commercial interrupts. Also, the video up-scaling of analogue and digital video signals up to 1080p – by the famous Anchor Bay ABT2015 – avoids the necessity of selecting the right input on the TV: once it is set-up, the SR6005 automatically makes the right connection. In addition, for 'new media' the SR6005 includes an iPod-digital-compatible USB input behind the front flap, and for Bluetooth devices such as a PC or mobile phone the receiver is ready with the optional RX101. What's more, set-up, optimisation and operation are all quick and easy – with the Audyssey MultEQ and intuitive to use graphic user interface.
Pure enjoyment has never been easier.

- Marantz quality discrete 110 W Amp x 7 ch (8 Ohms, 20 Hz - 20 kHz)
- Support HDMI ver.1.4a 3D, ARC and Content type, 6 Inputs, 1 Output
- Support HDMI CEC, Deep Color, x.v.Color, Auto Lip Sync and Standby Pass Through (Last or selected one in menu)
- Front USB Audio input for iPod/ iPhone digital connection or USB Memory
- Dolby TrueHD, Digital Plus, Prologic IIz, IIx, II, Virtual Speaker, Headphone
- DTS-HD Master Audio, High Resolution Audio, ES Discete 6.1, Matrix6.1, Neo:6, 96/24, Express, Neural Surround
- Audyssey Dynamic Volume and Dynamic EQ
- Audyssey MultEQ Auto Calibration
- Bluetooth Wireless Audio Transmission Capability with option RX101
- Composite/Component to HDMI scaling up to 1080p
- HDMI to HDMI scaling
- Composite to Component Analogue up conversion
- OSD overlay on HDMI output
- Assignable HDMI, Component inputs
- Anchor Bay 10-bit Video Processing/Scaling
- M-DAX 2 (Improved Algorithm, Marantz Dynamic Audio eXpander ver.2)
- New color GUI On Screen Display
- Dot Matrix x 2 lines rich info. display
- Clean front door design
- Input Rename, Skip, Level control
- Selectable various volume setup: Power on, Limit and Mute level
- 9 pair screw type speaker terminals
- Zone2 Audio Pre outputs
- 7.1 ch Inputs
- 7.1 ch Pre out + second Subwoofer Pre out
- RS-232C for Custom Installation
- IR Flasher In
- DC Trigger Out
- Marantz D-Bus(RC-5) In/Out
- External IR Receiver Capability with option RX101
- Detachable Power Code (IEC320 2 pin type)
- Backlight, LCD, Learning and Pre-code System Remote Controller

Note: Product features highlighted in blue indicate improvements over SR5005 model

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SR5005

3D 7.1 HD AV RECEIVER WITH MULTI-ROOM SOUND

New

The SR5005 provides 7 x 100 W RMS, has decoders for standard as well as Dolby TrueHD and DTS HD Master Audio, and comes with four HDMI 1.4a inputs – making it immediately ready for 3D video. It easily handles the most demanding of scenes in action films, as well as offering excellent-quality music playback, thanks to the advanced Marantz audio technologies. To ensure you get the best possible audio from compressed files on iPod via USB, the SR5005 incorporates the M-DAX2 – Marantz Dynamic Expander version2. This neat little addition also optimises the quality of MP3 files from either CD or the optional Bluetooth receiver RX101. Everything sounds clearer, more detailed, and more alive. To finish off, the SR5005 comes with a whole host of convenience features such as 'auto set-up' with Audyssey MultiEQ and Dynamic Volume, multi-room with multi-source flexibility, and 'video-off' mode to ensure you enjoy your movies and music in true dynamic Marantz style. What's more, all analogue and HDMI video sources can be up-scaled to 1080p via the Anchor Bay ABT1030 processor.

- 70% Power Guarantee (in 5 channels)
- Fully discrete wide range amplifiers delivering 7 x 100 W RMS
- Sophisticated new aluminium/ reinforced resin front panel with hidden front inputs
- Dolby Digital Plus, Dolby TrueHD, DTS HD Master Audio and 7.1 Multi-channel PCM for High Definition (HD) Audio from Blu-ray Disc™
- 32-bit DSP with DD-EX, DTS-ES, DTS96/24, CSII and DPL IIz
- M-DAX audio enhancer for all compressed audio formats as MP3, WMA, AAC, etc
- Sound delay function to sync audio and video
- 4 x HDMI 1.4 inputs for digital audio and video including Deep Color support plus one output
- Room Acoustic Calibration with EQ by Audyssey for one touch speaker set-up
- Clear OSD menu structure and ease of use due to front panel cursor control
- Pure direct mode for best audio performance
- 24-bit/192 kHz D/A converters on all ch annel s
- Multi-zone output
- RS232C, IR Flasher port and DC trigger for system integration
- Speaker C function for bi-amping of front channels in 5.1 set-up
- 3D Image Pass Through
- ARC (Audio Return Channel)
- CEC (Consumer Electronic Control)
- HDMI Pass-thru in stand-by
- Input assignment
- USB: Input for iPhone/iPod/HDD/ Flash Drive
- Audyssey Dynamic EQ and Volume
- Discrete level adjustment by input
- Volume limiting & Start-up Volume setting

Note: Product features highlighted in blue indicate improvements over NR1601 model

ELEGANCE WITH A PUNCH

Every audiophile wants an AV Receiver in their living room that's got loads of connectivity as well as the best sound reproduction. But some people (or their partners) just don't want such a big box in their living room. That's why Marantz has developed the first super-slim AV receiver to which you can simultaneously connect your satellite box, BD/DVD player, game console and camcorder, and can give you exceptional quality sound reproduction. Introducing the NR1601 and NR1501 – elegance with a punch.

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NR1601

3D SLIM-LINE 7.1 HD AV RECEIVER

New

Enjoy award-winning Marantz performance, including the latest video and sound technologies, without the bulk of the standard component size. The new NR1601 is an elegant slim-line Home Theatre Receiver. But don't let appearances deceive you … this super-slim model packs as much punch as its big brothers, thanks to the discrete 7 x 50 W RMS output. For even more performance from the left and right front channels, there is the bi-amp option. On the video side, all four HDMI 1.4a inputs support 3D video, analogue video signals are even converted to HDMI level including I/P conversion. The set-up is easy – with the help of Audyssey MultEQ (setup microphone is included) – no need to study the manual, just follow the on-screen menu instructions. And, just like the rest of the 2011 Marantz AV Receiver range, the NR1601 has an iPod-digital-compatible USB input, as well as an M-DAX2 to make the very most of sound quality from compressed audio. It all adds up to easy to use slim-line elegance with a powerful punch.

- Support HDMI ver.1.4a 3D, ARC and Content type, 4 Input, 1 Output
- Support HDMI CEC, Deep Color, x.v.Color, Auto Lip Sync and Standby Pass Through (Last or selected one in menu)
- Front USB audio input for iPod / iPhone digital connection or USB Memory
- Dolby TrueHD, Digital Plus, Prologic IIz, IIx, II, Virtual Speaker, Headphone
- DTS-HD Master Audio, High Resolution Audio, ES Discete6.1, Matrix6.1, Neo:6, 96/24, Express, Neural Surround
- Audyssey Dynamic Volume and Dynamic EQ
- Audyssey MultEQ Auto Calibration
- Bluetooth Wireless Audio Transmission Capability with option RX101
- Composite / Component to HDMI conversion
- Assignable HDMI, Component inputs
- M-DAX2 (Marantz Dynamic Audio eXpander) for compressed audio
- On Screen Display for Setup through HDMI/Composite Video outputs
- All screw type, 9 channel speaker terminals for 7 ch + Front Height (PLIIz) or Speaker B
- 7 channels of all discrete amplification (50 W x 7)
- Subwoofer Pre-out
- Front mini jack input for a portable audio player
- IR Flasher In
- Marantz D-Bus (RC-5) In/Out
- External IR Receiver Capability with option RX101
- Detachable Power Code (IEC320 2 pin type)
- Input Rename, Skip, Level control,
- Selectable volume setup configuration: Power on, Limit and Mute level
- Backlight, Pre-code and Learning Remote Controller

Note: Product features highlighted in blue indicate improvements over NR1501 model

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NR1501

SLIM DESIGN AV RECEIVER

All the performance, all the convenience, and all the versatility you've come to expect from the larger Marantz AV Receivers – but this time in a highly elegant, super-slim cabinet that's just 10.5 cm high, to perfectly complement your DVD or Blu-ray player. The NR1501 has on-board decoders for both standard and high definition audio such as DTS-HD and TrueHD, it also effortlessly converts analogue video signals to HDMI. Its four HDMI 1.3a inputs handle a host of digital sources, so you can easily hook-up your satellite box, BD/DVD player, game console and camcorder all at the same time. And there is just one HDMI cable connected to your screen. What's more, you don't need to spend time selecting the correct input on your TV – the NR1501 does it all for you. Fans of portable media players like iPods will love the front audio input for easy connection. The loudspeaker set-up can be as simple as a stereo system or (when front speakers are not powerful enough) a 2.1 with additional subwoofer for the bass and special effects. You can even extend it to a 5.1 or even 7.1 system, filling the room with spectacular surround sound and converting your living room into a sensational cinema. What's more, the OSD menu and MRAC auto set-up using a microphone makes installation fast and easy – even for non-technical users. Just enjoy the fabulous sound and the elegant appearance: the NR1501 has it all.

- MRAC system to automatically tune speaker system to your room
- 7 x 50 W RMS
- Slim height cabinet
- Dolby TrueHD, DD+, DTS-HD
- Built-in FM/AM tuner
- HDMI v1.3 4 in / 1 out
- Full On-screen Display
- Assignable Digital inputs
- Input Rename function
- RC-5 in/out for system linking
- Preset coded Remote Control
- Heavy-Duty Binding Posts on 5 channels

UD9004

REFERENCE UNIVERSAL DISC PLAYER

The moment that the Blu-ray standard became fully specified was also the moment for Marantz to give the green light to its engineers to create the ultimate-quality Blu-ray and SACD player! The result is the flagship UD9004: a Reference standard Blu-ray Player. The UD9004 incorporates Silicon's Realta Optix HQV 10-bit processing technology, derived from professional broadcast systems, with no less than 10 technologies for a breathtaking picture from both DVD and Blu-ray. It also has a whole host of state-of-the-art features to reproduce exeptional quality audio – as you would expect from a Marantz player. It includes a heavy multi-layer copper-plated chassis, as well as an audio-exclusive power supply with encased Toroidal transformer and customised capacitors. To avoid any cross talk to the main front channels, dedicated boards are used in the XLR outputs, the main cinch outputs, and the left over channels. Four separate audio boards are used in total, with only the best components used.
Combining these components with Marantz's HDAM-SA2 outputs and endless fine-tuning gives this player a tremendously spacious, lively and tonally well balanced sound. Dual HDMI outputs provide the possibility of sending a dedicated video, as well as a dedicated audio signal to their output source, thus minimising the deleterious effect and with less processing, reducing the signal degradation.
Be prepared for an exceptional audio-visual experience – with the exceptional Marantz UD9004!

- Playback of Blu-ray Disc, DVD-Video, DVD-Audio, SACD and CD
- BD-Live Profile 2.0
- Toroidal transformer
- Copper-plated chassis
- HDMI 1.3a
- Dolby True HD and DTS-HD decoding
- Realta Optix HQV video processing
- Separate analogue audio circuitry with Marantz HDAM and XLR output
- 7.1 ch RCA Audio output
- SD Card Reader
- RS232C interface

Note: Product features highlighted in blue indicate improvements over UD8004 model

UD8004

UNIVERSAL DISC PLAYER

Although the UD8004 is a more accessible Universal Disc player solution, it is still a truly exceptional-quality flagship unit, benefiting greatly from the UD9004. Its absolute video integrity ensures excellent Blu-ray playback and it actively improves the quality of your DVDs – that's because the new Anchor Bay video processing chip optimises any signal with adaptive 3D de-interlacing, noise reduction and detail enhancement. For the analogue video-out, it applies a 297 MHz/12 bit DAC. On the audio side, Marantz has ensured excellent reproduction of CD and SACD by building in a dedicated power supply exclusively for analogue audio. HDAM-SA2s are used for all channels and are divided over two independent audio boards. And all of this functionality and high quality reproduction is packed in a very solid chassis.

- Playback of Blu-ray Disc, DVD-Video, DVD-Audio, SACD, CD
- BD-Live Profile 2.0
- HDMI 1.3a
- Customised components
- Dolby True HD and DTS-HD decoding
- Separate analogue audio circuitry with Marantz HDAM
- 7.1ch RCA Audio output
- SD Card Reader
- RS232C interface

Note: Product features highlighted in blue indicate improvements over UD5005 model

UD5005

UNIVERSAL DISC HD PLAYER

New

Now you can have the legendary Marantz quality in an exceptional value-for-money Blu-ray Disc player. Not only does it reproduce all the delicate audio details from SACD its superb 24 fps Blu-ray quality comes with BD-Live and DLNA1.5 specifications. You can also enjoy your latest music and video downloads from your PC from your couch. The quick response mechanism will play Blu-ray, DVD, DVD-A, SACD, CD and is compatible with MP3, WMA, DivX HD and lots, lots more. In addition, the UD5005 includes a stereo output for analogue signals from CDs or down-mixed DVD and Blu-ray sound, while the HD audio sound is streamed via the HDMI 1.4a output – which also makes the player 3D-ready (software update required) for software yet to come on Blu-ray discs.

- Plays Super Audio CD(Stereo/Multi), BD-Video/-ROM, DVD-Audio/Video/-R/-RW/+RW, CD-DA/-R/-RW/dtsCD
- Supports HDMI ver.1.4a, 3D Blu-ray disc playback capability
- x.v.Color, Deep Color and HDMI CEC support
- Online contents access capability: NetFlix (subscription required), YouTube
- Supports DLNA 1.5, streaming capability of home network Audio/Video/Photo contents
- Built-in 1G memory for BD-Live(Profile 2.0), expandable the memory by USB memory
- Quick Start up, faster loading time: Less than 1/2 - 1/3 time against our previous models
- Plays MP3/WMA/AAC/WAV/DivX Plus HD/AVCHD/Jpeg/Kodak Picture CD format on disc
- Plays MP3/WMA/AAC/WAV/DivX Plus HD/AVCHD/Mpeg/h.264/ Jpeg/ format through USB memory/Network
- 10bit I/P & scaler, 148.5MHz over sampling, 12-bit Video processing
- Various Picture adjustments capability
- 192 kHz/24bit audio D/A converter for Stereo analogue audio outputs
- Independent board construction to minimize the interaction between Audio, Video and Power Supply stages
- New 'Home' menu style colour GUI
- Component/Composite Video outputs, Coaxial Digital Audio output
- IR Flasher In/Out
- Marantz D-bus(RC-5) In/Out
- Luminous-key Remote
- Two IR Remote Code Set
- Detachable Power Cord

Note: Product features highlighted in blue indicate improvements over BD5004 model

BD5004

BLU-RAY PLAYER

Now you can have the legendary Marantz quality in an exceptional value-for-money Blu-ray Disc player. Its highly attractive price is matched by its superb 24 fps Blu-ray quality. It comes with the new full Profile2.0 / BD-Live specification, which means it has an Internet connection for downloading additional movie content. It will also upscale your DVDs to 1080p. The new design with the centred mechanism perfectly fits into the Marantz receiver and amplifier line up. Furthermore, the BD5004 includes a stereo output for analogue signals from CDs or down-mixed DVD and Blu-ray sound, while the HD-Audio sound will be streamed via HDMI 1.3a output. And for the purist enjoying music from CDs there's a Pure Direct Mode.

- Playback of Blu-ray Disc, DVD-Video and CD, DVD-R/RW, MP3, WMA, DivX HD, AVCHD and JPEG HD
- BD-Live Profile 2.0
- HDMI 1.3a
- Deep Colour
- IP-conversion and up-scaling to 1080p
- Output of all raw HD Audio data via HDMI
- 2 ch audio down-mix
- SD Card

REFERENCE SERIES

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SC7S2

REFERENCE STEREO CONTROL PRE-AMPLIFIER

Audiophiles be prepared: the SC7S2 has been completely reworked, revoiced and revamped with new environmental-friendlier materials – and still maintaining a spectacular channel separation of over 100 dB at 20 kHz. It also now has four (instead of two in the 'S1' version) Wolfson electronic volume controls. Combined with an extended high frequency response of up to 150 kHz, this advanced, high-quality pre-amplifier for stereo and multi-channel set-ups provides a super-wide range and high dynamic signal handling. Extended high frequency response as well as channel separation express the truemeaning of 'Super Audio'. Unparalleled attention to detail in the design and development of the input and output circuitries, volume control section, power supply circuits, makes the SC7S2 the ultimate, top-rated performer in its class. And of course it is as solid as the SA7S1.

- Reference Series full balanced control amplifier
- Built without compromise on material and components
- Ultrawide frequency range (3 Hz - 150 kHz)
- Current Feedback technology for fast and accurate signal handling
- Fully symmetrical circuit layout with over 100 dB channel separation
- Balanced XLR in and out
- Digital high quality linear volume control with 4 x Wolfson WM8816
- New low noise Shielded Toroidal transformer and Shottky barrier diodes
- Choke input system to reduce rectifier harmonic noise
- Rigid multi-layer chassis construction with aluminium front and side panels
- Multi-layer solid copper-plated chassis, rear panel and system block shielding
- The Marantz newly developed HDAMs for Super Audio (HDAMSA)
- Floating control bus to control up to 4 x SC7S2 parallel for multi-channel upgrade option
- Bi- (monaural) and triple-amp capability to drive up to 6 x MA9S2 for the highest achievable stereo performance
- New aluminium top remote control with extended functionality

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MA9S2

REFERENCE MONO POWER AMPLIFIER

The MA9S2 has been completely reworked and revoiced to combine perfect harmony with thrilling dynamism. Most vitally, it provides instantaneous power.Which is important, because whatever the output specification of an amplifier may be, its performance ultimately depends on its ability to deliver current quickly. That's why the MA9S2 gives truly instantaneous current supply, three times that of any otherMarantz product. On peak levels the MA9S2 is able to deliver an incredible 150 ampere, making it the ultimatemonaural power-amplifier – ideal for driving even the most demanding of speakers with absolute ease.

- Reference Series full balanced monaural power amplifier
- Ultra stable power output of 300 W at 8 Ohms RMS and 600 W 4 Ohms RMS
- Current Feedback technology for fast and accurate signal handling
- Audiophile 2-stage circuit concept for best signal to noise ratio of 120 dB
- Instantaneous current delivery capability
- Current peak level capability of incredible 150 ampere
- Marantz' newly developed HDAMs for Super Audio (HDAMSA)
- Shielded Toroidal transformer and Shottky barrier diodes
- Choke input system to reduce rectifier harmonic noise
- Ultra lowimpedance amplifier
- Rigid multi-layer chassis construction with aluminium front and side panels
- Multi-layer solid copper-plated chassis, rear panel and system block shielding
- One balanced and two unbalanced inputs (selectable)
- Two low impedance WBT speaker terminals for bi-wiring
- Blue illuminated power meter (switchable)

NO COMPROMISE

The SA7S1 is truly a no-compromise piece of engineering. It is the Marantz flagship Super Audio CD Player and it provides the superb sound quality that the SC7S2 and MA9S2 deserve. It follows the legendary SA1 (1999-2002) and CD7 and incorporates key features from both, retaining the excellent SACD playability and customised digital filter technology for CD players – first seen in the CD7.

In addition, because Marantz more than ever is totally committed to unsurpassed quality reproduction we gave the new SA7S1 an unsurpassed treatment in terms of extreme engineering and the utmost attention to detail.As you would expect from such a prestigious piece of work, it features a solid base cabinet, large ring transformer, and copper plating.

NEWLY DEVELOPED ORIGINAL DISC LOADING MECHANISM

As proven by our digital filtering technology: when the market is short in top-quality solutions our engineers develop their own. That's why we developed the Marantz mechanism SACDM-1 (Super Audio Compact Disc Mechanism 1). Its die-cast construction uses micro precision metals to guarantee the best and cleanest data read-out ever, even on the high speed rotating SACDs. The metal tray is coated with a non-reflecting material to prevent light reflection, which may trouble the laser light. And thanks to the solid-as-a-rock metal body there is no chance of vibration influence. Only supreme, pure digital signal will emerge to feed the digital filters and the D/A converters.

We proudly present you the ultimate sound machine. Because music matters.

REFERENCE TECHNOLOGIES

CHOKE INPUT TOPOLOGY
In the power supply section, the choke input topology is adopted to drastically reduce rectifier harmonic noise and to reduce the influence of distortion from the mains power network. This system is especially suitable for a control amplifier in which very small signal amplification occurs.

SHOTTKY DIODES
A Shottky diode is a special type of diode with a very low forward-voltage drop compared to normal diodes. This lower voltage drop translates into higher system efficiency.
Shottky diodes have very fast signal handling, can easily stay higher temperatures and are sensitive very low voltages.

LINEAR VOLUME CONTROL
Linear volume control offers minimal cross talk with a very precise volume adjustment over a range from 0 dB to 100 dB with a gang error less than +/- 0.5 dB.

BTL
A BTL is a possibility to use two amplifiers as one monoraul amplifier. This configuration, in theory quadruples the output power delivery to the speaker and offers better control over it leading to a very control, dynamic and open music reproduction.

WBT
Very high quality speaker terminals made by German speaker terminal specialist WBT who has over 20 years of experience in production of best sounding speaker terminals.

MARANTZ INNOVATIVE D2F – DYNAMIC DIGITAL FILTERING
Some audio companies focus on sound modification by selecting and customising electrical components for the analogue part of the player but they have only limited knowledge of digital filtering and have to use standard solutions – which Marantz believes to be sub-standard for a genuine audiophile player. That's why Marantz has invested extensively in gaining expert knowledge into this crucial part of a CD player during CD playback.
The Marantz Digital Filter eliminates out-of-band noise, reflecting into a better S/N ratio, dynamic range, and various other characteristics. There is no group delay, and the player offers flat frequency characteristics. Filters of three types are provided, and because each affords a distinctive sound, users can switch to the desired filter for playback suiting the disc or their listening mood.

GMR – GIANT MAGNETIC RESISTOR
The Giant Magnetic Resistor is a technology compare able with an optical coupler, makes it possible to separate two section of a product galvanic.
The GMR outperforms the optical coupler when it comes to high frequencies. This big benefit is used in this player to separate the digital section from the analogue one and this even on the ground level.
No high frequency distortion to the sensitive audio signal; no influence to the power for the audio stages.

FLOATING CONTROL BUS SYSTEM
A Marantz own communication system to connect pre- or integrated amplifiers over a dedicated bus line to enable synchronized operations. The units are working as master and slave – the master unit controls the others. F.C.B.S. can be used for a powerful bi-amping or a multichannel surround setup.

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Sep 2007

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SA7S1
REFERENCE SACD PLAYER

The SA7S1 Super Audio CD Player has launched integration into new heights of stunning, reference-quality excellence. Perfect harmony with the other sections of this integrated player is ensured by our highly advanced D2F – Dynamic Digital Filtering technology,which use the Marantz own filter characteristic. The result is the most detailed and dynamic reproduction ever heard. In addition, and unique to Marantz, is our full separation of digital and analogue sections, this not only separates the digital and analogue power supplies but separates them at ground level as well – thanks to the new GMR (Giant Magneto Resistor) technology – completely avoiding any influence of digital noise on the sensitive analogue. Further options are external clock input and digital phase inverting. And because the whole unit is as 'solid as a rock', with a metal tray disc mechanism, copper-shielded chassis, high-grade power supply and best-in-class components, this player represents absolute uncompromising quality, designed, engineered and created for the uncompromising ear.

- Reference Series Audiophile Super Audio CD player (Stereo)
- Marantz exclusive D2F – Dynamic Digital Filtering
- Marantz own filter characteristic makes standard CD sound almost SACD quality
- Three exclusive digital filter characteristics selectable for different tastes
- Switchable DC filter and switchable Noise Shaper for additional fine-tuning
- Newly developed full metal original disc loading mechanism
- Grounding for digital and analogue section fully separated by GMR technology
- Low Jitter internal clock system
- External clock input and digital phase inverter
- Fully balanced signal handling with dedicated digital to analogue converters
- Toroidal transformer for stabile power delivery
- Choke input to reduce rectifier harmonic noise
- Copper-plated chassis, rear panel and systemblock shielding
- Rigid double layer chassis construction with aluminium front and side panels
- Balanced XLR and gold-plated RCA output terminals
- Low noise LCD
- Aluminium-top remote control with Marantz amplifier control

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PM-KI PEARL
INTEGRATED AMPLIFIER

Only the best and finest components can reproduce music exactly the way the original artist intended. Without any doubt, electronics is key. But it should be invisible, because nothing – absolutely nothing – should get in the way of the music. This philosophy is alive and kicking like never before in this superb amplifier. What's more, invisibility means that it's not about specifications such as main capacitor values. Specifications don't say anything when it comes to sound quality. What matters is the right combination of parts. It's all about carefully selecting, combining and testing all the components – as they work together. And only when each individual part works in complete harmony with the rest can you be certain that they will perform invisibly. That's true music in its human form.

- Ken Ishiwata's 30th anniversary model amplifier
- Limited Edition
- Silk black finish
- 5 mm aluminium top cover
- Solid aluminium feet
- Additional heavy bottom-plate
- Copper-plated chassis
- High quality audio components
- Adapting HDAM-SA3 & HDAM-SA2 modules
- Toroidal transformer with case
- Full discrete 2-stage power amplifier
- Constant current feedback phono equalizer (MM/MC)
- CD direct input buffer circuit
- Power amp / direct input
- 140 W/ch at 4 Ohms, 90 W/ch at 8 Ohms
- Selectable DAC filter
- Optical digital input for DAC mode
- Playback SACD stereo, CD-DA, MP3 and WMA

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SA-KI PEARL
SACD PLAYER

To faithfully reproduce a musical experience in the way that the original artist intended, to recreate the atmosphere, the emotion and all of the nuances – requires a special CD player. And that's exactly what you can expect from the limited edition KI Pearl SACD Player. But as with the amplifier the quality of a CD player cannot be judged by reading the specifications list. It requires careful listening. And that's what Ken Ishiwata has done for hours upon hours. Listening testing, reconfiguring. Searching for the ultimate combination of components. The result is an SACD player with an ultra-realistic three-dimensional sound stage. Every instrument is positioned with pin-point accuracy, and just as importantly they remain in their locations and never drift with increasing volume. It's a sound stage that also offers remarkable depth and height, allowing the vocals to be lifted over the music for an extra-real reproduction of a live performance. It all adds up to a sublime musical experience filled with emotion.

- Ken Ishiwata's 30th anniversary model SACD Player
- Limited Edition
- Silk black finish
- 5 mm aluminium top cover
- Solid aluminium feet
- Additional heavy bottom-plate
- Copper-plated chassis
- High quality audio components
- Adapting HDAM-SA2 & HDAM-SA modules
- Toroidal transformer with case
- SACDM-10 mechanism with Xyron tray loader
- High performance DAC CS4398 from Cirrus logic
- Selectable DAC filter
- Optical digital input for DAC mode
- Playback SACD stereo, CD-DA, MP3 and WMA

KI PEARL LITE

When the Original KI Pearl were first introduced last year, they were universally acknowledged as supremely exquisite high audio gems. Not only did they take music sensations to new heights, they were the ideal tribute to Ken Ishiwata's 30-year association with Marantz. At special listening demonstrations across the globe, music lovers were first captivated and then totally spellbound by their supreme performance. However, as a highly exclusive limited edition, they were also beyond the reach of many. That's why Marantz decided to reuse all that had been discovered in developing the original Pearls to create the KI Pearl Lites. So that more people could take part. Importantly, the new Lites embody the same passion, the same commitment, and the same emotion as the original Limited Edition. Only the exterior design is different, their performance is still sublime.

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PM-KI PEARL LITE
INTEGRATED AMPLIFIER

New

As you would expect from a KI Pearl, this new current feedback amplifier has been given layer upon layer of tender loving care. For example, the high-quality components that proved such a success in the original KI Pearls are now used in this new amp. This helps ensure that it faithfully reproduces the music's dynamic structure, tonal quality and stereo image. This new Pearl has also been given a copper-plated chassis to help ensure the lowest possible impedance grounding. Marantz designers also shaped and optimised the power handling characteristics to guarantee the unique KI Pearl experience. They redesigned the large double shielded Toroidal transformer's circuitry to optimise bandwidth power: a massive energy reserve to drive even the most demanding of speakers with absolute ease. And, because 'vinyl' is back, the PM-KI Pearl Lite supports Phono MM also with current feedback technology. So much has been given. It's now time to take time, and enjoy.

- Ken Ishiwata Edition
- 2 x 70 W RMS 8 Ohms
- Full discrete Current Feedback amplifier technology
- Toroidal transformer
- Copper-plated chassis
- HDAM-SA3
- Power amp direct
- Constant Current Feedback Phono MM
- Speaker A/B
- Custom made speaker terminals
- Remote bus
- RC
- Available in Black and Silver

Note: Shown here with optional Marantz wood side-panels

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SA-KI PEARL LITE
SUPER AUDIO CD PLAYER

New

Although the SA-KI Pearl Lite is a brand new member of the KI Pearl family, it is also proven. That's because it utilises the technology and the experience gained from the development of the highly-acclaimed Premium Range's SA-KI Pearl. Which makes it a perfect no-compromise player for CDs, SACDs and even USB devices with MP3, WMA and iPod/iPhone files. In addition, this bright little protégé can also be directly connected to your PC without a network set-up. Thanks to its B-type USB input on the rear panel, the PC will recognise it as an 'audio card'. In addition, the optical and coaxial digital inputs mean you can use it as an external DAC too. All these connectivity options make the SA-KI Pearl Lite very convenient, but convenience is just the start. All these different sources use the same excellent audio processing, so all your music will radiate the same intense lustre and inner glow of a perfect pearl.

- Ken Ishiwata Edition
- SACD (stereo), CD, CD-R/RW, MP3 and WMA playback
- Toroidal transformer Copper-plated chassis
- XYRON Loading mechanism
- Discrete symmetric circuit architecture
- HDAM & HDAM-SA2
- iPod / iPhone compatible
- DAC Mode with 3 digital inputs incl. USB type B
- Gold-plated outputs
- Remote bus
- RC
- Available in Black and Silver

Note: Shown here with optional Marantz wood side-panels

ENHANCED MUSICALITY

In the long search for the perfect hi-fi, the Marantz philosophy is simple: to maintain the purity and integrity of the original signal at alltimes. This, we believe, is the only route to achieving true hi-fi sound quality.

At Marantz, we believemusic should be heard as originally intended by the artists, composers, and performers we admire. So when we design Premium Amplifiers, we begin by shortening signal pathways to minimise the possibility of distortion. Even our signal switches are built to audiophile specification with high quality contacts and electronic relay switched input circuitry, all in a sealed and dust-free environment. Power supplies are highly specified, using only top quality components. Left and right signal paths are symmetrical to ensure perfect imaging across the stereo field. Even the heatsinks are separated to minimise channel cro stalk. Thus, Premium Amplifiers deliver a broad and accurate soundstage, with each instrument perfectly focused in its position in the stereo picture.

We believe musical expression is at the heart of our search for perfect hi-fi. That's why we design Premium components to deliver the truest possible rendering of musical dynamics. A Linear Drive Power Supply (LDPS) works in conjunction with current feedback amplification to act as a limitless reserve of power for Premium-Series Amplifiers. With this depth of power, even the most extreme dynamic moments are delivered with perfect expression.

Premium-Series Amplifiers are built to respond to the steepest signal attacks with incredible speed and accuracy, so none of the subtleties in the ebb and flow of the music are lost. The short, symmetrical signal paths and discrete surface-mount components of Marantz's own Hyper Dynamic Amplifier Modules (HDAM) make them superior to traditional integrated circuit Op-Amps – which have a poorer slew rate and are too-slow-acting to deliver the audio signal's transient character faithfully.

Premium-Series Amplifiers encapsulate perfectly our determination to achieve the highest possible quality audio performance.

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SC11S1

PREMIUM STEREO CONTROL PRE-AMPLIFIER

In developing the SC11S1 Marantz engineers took as much as possible from the Reference Series SC7S2. For example, the full balanced layout in-current feedback technology was applied, guaranteeing excellent signal integrity. Then the Wolfson high linear electric volume control and the new version of small signal amplifier HDAM – specially developed by Marantz – were added. The unit now incorporates the HDAM-SA2, which guarantees precision high-speed signal handling over a wide frequency range. It also uses high precision Melf resistors to minimise tolerances – essential for audio integrity. While the high quality in-current feedback phono amplifier for the MM / MC system makes external phono amplifier obsolete. And for advanced systems the floating control bus allows bi-amp and multi-channel set-ups. It all adds up to a scintillating audio experience with crystal clear transparency.

- Full balanced current feedback control amplifier
- Technologies derived from the Reference Series SC7S2
- Fast, accurate signal handling for up to 100 kHz and higher
- Digital high quality linear volume control with Wolfson WM8816
- New Toroidal transformer with shield case and very low impedance
- HDAMSA2: High speed amplifier module with new high precision Melf resistors
- Current feedback MM/MC phone EQ for best vinyl performance
- Current feedback headphone driver (full balance input signal)
- High speed line input buffers keeping the full integrity of the source signal
- Customised ‘Blue Cap’ film capacitors used in SC7S2 and MA9S2
- Wide range on connectivity including two times XLR
- Full balanced XLR and additional RCA pre out
- Floating Control Bus Systemfor Bi-Amp or Multi channels set-up
- Heavy, 5 mm thick, copper-plated aluminium top lid and aluminium die-cast feet
- Trigger-Out to remote control the SM11S1 on and off switching
- New aluminium-top remote control with extended functionality

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SM11S1

PREMIUM STEREO POWER AMPLIFIER

The new SM11S1 is powerful. Very powerful. That’s because it takes as much as possible from the highly acclaimed Reference Series MA9S2. The result? A powerful, highly dynamic stereo main amplifier, offering an open, transparent, and precision sound.
As you would expect, this current feedback technique amplifier can easily handle demanding loudspeakers. For extreme set-ups, the bridge mode (BTL mode) can convert the stereo amplifier SM11S1 to a 400 W mono amplifier. The two-stage circuit construction (voltage amplification first to increase audio signal, buffer amplification second to ensure high current delivery) guarantees an excellent signal to noise ratio and the full control of any speaker. Thanks to the adjustable gain factor the SM11S1 can also upgrade the PM11S1 integrated amplifier, creating an excellent bi-amp systemset up. Switching on / off can be remote controlled via a DC trigger from SC11S1 or other sources. Prepare to be exhilarated to a scintillating audio experience with crystal clear transparency.

- Stereo power amplifier in-current feedback technology
- Technologies derived from the Reference Series MA9S2
- Ultra stable power output of 2 x 100 W 8 Ohms and 2 x 200 W 4 Ohms RMS
- Inmonaural mode – Bridge Mode (BTL) – up to 1 x 400 W 8 Ohms
- Fast and accurate signal handling for signals up to 100 kHz and higher
- Audiophile 2-stage circuit conceptwith voltage and power buffer amplifier stages
- Instantaneous current delivery capability
- Gain factor selectable 17.5 dB / 23 dB / 29.5 dB – can be used to upgrade PM11S1
- HDAMSA2: High speed amplifier module with new high precision Melf resistors
- High speed input buffers keeping the full integrity of the signal
- Customised ‘Blue Cap’ film capacitors used in SC7S2 and MA9S2
- Large Toroidal transformer with anti magnetic aluminium shield case
- Output levelmeter in low noise LCD technology – 3 digit per channel
- Each one stereo balanced XLR and stereo unbalanced input
- Two pair low impedance WBT speaker terminals for bi-wiring
- Heavy, 5 mm thick, copper-plated aluminium-top lid and aluminium die-cast feet
- DC trigger for remote on/off switching

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100W x 2ch | NEW HDAM | 3-STAGE CIRCUIT | SYMMETRIC LAYOUT | SUPER RING TRANSFORMER | Choke INPUT | Shottky Diodes | COPPER PLATED DIECAST CHASSIS | Linear VOLUME CONTROL | FLOATING CONTROL BUS SYSTEM

PM-11S2

PREMIUM INTEGRATED STEREO AMPLIFIER

New

This adored member of the Marantz Premium Range is packed with advanced technologies to give you the best in detail, precision, and emotion. Thanks to the shielded Toroidal transformer and customised components, it offers ultra-stable power output at 2 x 100 W into 8 Ohms or 2 x 200 W into 4 Ohms. Absolute signal integrity and very low signal-to-noise ratio is guaranteed via the 3-stage construction which includes a pre-amplifier and a dual stage main-amplifier, as well an extra pre-amplifier for Phono MM/MC. Key technologies include the latest Marantz Current Feedback HDAM-SA3, symmetrical circuitry with the shortest signal paths to deliver dynamic sound and perfect stereo imaging. The result is an unbelievably wide sound stage, but with extremely precise positioning of instruments and vocals. In addition, the chassis and rear panel are copper-plated to guarantee low impedance ground potential at any point for best possible signal integrity. All of which means that the PM-11S2 is a vision of perfection.

- Full discrete Current Feedback amplification
- Ultra stable power output of 2 x 100 W 8 Ohms RMS and 2 x 200 W 4 Ohms RMS
- High quality linear volume control with dual Wolfson WM8816
- Massive shielded Super Ring transformer and Customised Components
- Choke input power supply to reduce rectifier harmonic noise
- Three-stage amplification construction
- Short discrete circuit architecture with symmetrical layout
- Balanced input and fully balanced signal handling up to speaker terminal
- Marantz Current Feedback HDAMs
- Floating Control Bus for audiophile multi-channel, vertical and horizontal bi-amping capability
- MM/MC phono stage with Current Feedback technology
- Rigid double layer chassis construction with aluminium front and side panels
- Copper-Plated chassis, rear panel and system block shielding
- Tone control and Source Direct function
- Low noise inverted LCD
- Blue illumination (switchable)
- Aluminium-top system remote control

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90W x 2ch | NEW HDAM | 3-STAGE CIRCUIT | SYMMETRIC LAYOUT | TOROIDAL TRANSFORMER | CURRENT FEEDBACK | Shottky Diodes | WBT | Linear VOLUME CONTROL | FLOATING CONTROL BUS SYSTEM

PM15S2

PREMIUM INTEGRATED STEREO AMPLIFIER

New

The PM15S2 uses the latest generation of Marantz-own HDAM modules, as well as a top-down version of the PM11S2's Constant Current Feedback MM/MC phono stage, which vinyl fans will simply fall in love with. The powerful Toroidal transformer delivers exceptionally high current values to instantaneously follow every dynamic and every detail of the music, while an additional CD direct input buffer ensures a completely unadulterated audio signal. In addition, the symmetrical circuit architecture, with system block shielding and independent left and right heat sinks, eliminates cross-channel interference for the clearest, most 'visible' of sound stages. One of the unit's many convenience innovations is the special Power Amp Direct Mode, enabling you to use the PM15S2 as a pure power amplifier – useful when combining a high-quality AV System with an audiophile stereo set-up. Also, with rigid double layer chassis, aluminium front and side panels, and an additional bottom plate to minimise external noise, the PM15S2 is as solid as it gets. It all adds up to an extraordinarily high-quality stereo sound.

- Full discrete Current Feedback amplification
- Power output of 2 x 90 W 8 Ohms RMS and 2 x 140 W 4 Ohms RMS
- High quality linear volume control with Wolfson WM8816
- Shielded Toroidal transformer
- High-grade audio components
- Three-stage amplification construction
- Symmetric circuit architecture with system block shielding
- Short discrete circuit architecture
- Marantz Current Feedback HDAMs
- Floating control bus for audiophile multi-channel, vertical and horizontal bi-amping capability
- MM/MC phono stage with current feedback technology
- Rigid double layer chassis construction with aluminium front and side panels
- Tone control and Source Direct function
- WBT speaker terminals
- Low noise inverted LCD
- Blue illumination (switchable)
- Aluminium-top system remote control

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PM7004
INTEGRATED AMPLIFIER

70 W x 2ch · CURRENT FEEDBACK · HDAM SA3 · Shottky Diodes · SYMMETRIC LAYOUT · CUSTOMISED COMPONENTS · TRI-TONE CONTROL · POWER AMP DIRECT · MM Phono

This full discrete current feedback integrated amplifier is perfect for audiophiles wanting both excellent music quality and flexible operation. It offers a powerful 2 x 70 W into 8 Ohms, while the symmetrical circuits ensure perfect image balancing. To guarantee best sound quality the PM7004 includes high-grade audio components, current feedback HDAMs, and a high-speed instantaneous current supply. Also included is a highly useful new Tri-Tone Control system – this enables you to adjust not only Bass and Treble, but also the Mids. It is perfect for optimising the sound quality of compressed files such as MP3, by providing much finer adaptation steps. It is also useful to partly correct your room acoustics. All this is possible, but of course you can simply use the PM7004 in source-direct mode for the purest audio signal and enjoy your vinyls via Phono (MM) input.

- 2 x 70 W RMS 8 Ohms
- Full Discrete Current
- Feedback amplifier technology
- HDAM-SA3
- Power amp direct
- Source Direct function
- Tri-Tone control
- Phono MM
- Speaker A/B with Marantz original speaker terminals
- Remote bus
- RC
- Available in Black and Silver

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45 W x 2ch · TOROIDAL TRANSFORMER · SYMMETRIC LAYOUT · CURRENT FEEDBACK · CUSTOMISED COMPONENTS · Shottky Diodes · MM Phono · A-B · SYSTEM REMOTE · D-BUS

WHAT HI-FI? SOUND AND VISION AWARDS 2009
STEREO AMPLIFIERS
BEST STEREO AMPLIFIER UP TO £500
MARANTZ PM6003

PM6003
INTEGRATED AMPLIFIER

The PM6003 replaces the much-praised PM6002, the last amplifier to be upgraded to the new M1 Reference Design style. But it's not just the outward aesthetics that have been improved; Marantz took this upgrade opportunity to further improve this already excellent amp by refining the sound and optimising the balance from bass to mid to highs for a performance full of harmony. The new lower impedance Toroidal transformer shielded with case, was also matched to the new main capacitors, which again have been aligned to the new type of power transistor, mounted on a new extruded aluminium head sink, capable of handling higher currents and keeping closer control of the speaker. And of course all of the original features - such as six-line audio input including Phono, two-pairs of gold-plated speaker connection with the convenience of bi-wiring and a remote handset – are still available.

- Latest integrated amplifier from the Marantz audio product development department
- 2 x 45 W RMS power amplification
- Low impedance Toroidal transformer for instantaneously current delivery capability
- Power supply with 2 x 10000 mF customised main capacitors and Shottky diodes
- Customised audio components for best balanced audio
- Music reproduction close to original recording
- Fully symmetrical circuit architecture
- Source Direct function for best sound quality to bypass tone control
- Two pair of heavy gold-plated speaker terminals – output A/B
- Six audio inputs including phono (MM) and full recording out selector
- Headphone output
- Solid metal front panel and rigid chassis construction
- Dedicated remote and Marantz D-Bus

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40 W x 2ch · CURRENT FEEDBACK · PURE DIRECT · A-B · MM Phono · D-BUS · METAL FRONT PANEL · SYSTEM REMOTE

PM5004
INTEGRATED AMPLIFIER

New

This excellent entry-level integrated amp breaks all the rules. That's because it's the first in its class to offer current feedback architecture – a feature that until now has been exclusive to the much more expensive models. This technology provides very fast and accurate signal handling which results in perfectly balanced stereo sound reproduction and a very open and precise sound stage. Offering 40 W per channel into 8 Ohms or 55 W into 4 Ohms, this amp includes a metal chassis and front metal panel to ensure a very rigid and solid base. It also offers customised components for sound tuning, a phono MM equaliser, as well as Source Direct functionality to ensure shortest signal paths. Without doubt, the PM5004 has raised the performance bar in the so-called entry level area. Great sound. Amazing versatility.

- Sophisticated Aluminium/ Glass-reinforced resin hybrid front panel
- Discrete-component amplifier with current feedback Pre & Power amplifier
- Source Direct Mode
- Input buffer circuit for high S/N & channel separation
- Fully discrete, MM phono stage
- Active Filter type Tone Control, Loudness
- 5 line-level inputs, 2 Record outputs
- Triple command code sets
- Transparent screw-type A/B speaker terminals
- IR flasher input
- Detachable power cord
- 2 switched / 1 un-switched AC outlets
- System remote controller

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SR5023

STEREO RECEIVER

80 W x 2ch · MM Phono · 50 PRESET · PURE DIRECT · FULL DOT MATRIX · DBS · SYSTEM REMOTE

This latest 2 x 80 W stereo receiver, in the new reference standard design, is built to the highest standards and expertly finished. The slim aluminium front expresses perfect balance, while the dimensions are the same as those for the CD5003 and SA7003, giving you the option of creating an extraordinary system from just two components. Close attention to details and a no-compromise construction ensure faithfully captured excitement and emotional playback of your music. This RDS stereo receiver comes with FM / AM reception, 50 random presets and a powerful amplifier at its heart. For vinyl addicts there's also a high-quality phono MM pre-amplifier. A subwoofer output and a pair of screw-type speaker terminals make it the true centre-piece of your home stereo system.

- 2 x 80 W (8 Ohms RMS) power amplification
- Sophisticated new aluminium/ reinforced resin front panel
- RDS FM/ AM tuner with 50 random presets
- Full dot-matrix display
- Symmetric circuit architecture
- Slim design, same cabinet as CD5003
- Tone control and Source Direct function
- Six audio inputs including phono (MM) and one record out
- Subwoofer output
- Sleep timer function
- 'Screw-type' speaker terminals
- Detachable power cord
- System remote control and Marantz D-Bus
- Available in New Silver only

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SR4023

STEREO RECEIVER

80 W x 2ch · MM Phono · IR · A-B · 30 PRESET · DBS · SYSTEM REMOTE · METAL CHASSIS

The SR4023 is the pure high performance stereo receiver, with an AM / FM Tuner 50 random presets and a powerful 2 x 80 W stereo amplifier at its heart. The phono MM pre amplifiermakes it easy to connect a turntable. Its extensive AV switching capabilities and the speaker A/B feature make it a true centre piece of your stereo system. The new Premium-based designed metal chassis and solid metal front panel provide a rigid base for high quality performance.

- 2 x 80 W (8 Ohms RMS) power amplification
- Sophisticated new aluminium/ reinforced resin front panel
- FM/ AM Tuner with 50 random presets
- Solid metal front panel and rigid chassis construction
- Symmetric circuit architecture
- Separate solid heat sinks
- Tone control and Source Direct function
- Pre-output and main-input for upgrade possibilities
- Eight audio inputs including Phono (MM)
- Video switching via three audio / video inputs and a monitor output
- Subwoofer output
- RS232
- Sleep and timer function
- Speaker A/B
- Flasher In for system integration (direct connection to RX8001)
- Triple IR Code set
- Detachable power cable
- Front panel lock
- New System Remote Control and Marantz D-Bus
- Available in Black only

CD RECEIVER

ER803

MELODY MOVIES – BLU-RAY RECEIVER

New

The Melody Movie is a high-quality Blu-ray receiver… and so much more. That's because it entertains in so many ways. In addition to playing Blu-ray discs, it plays CDs and DVDs – with all the finest of details faithfully reproduced. You can also plug-in your iPod, or even your mobile phone or PC – via the optional Bluetooth connection RX101. Stereo FM/AM? No problem! The Melody Movie is also a tuner. But most importantly, whatever the source, prepared to be fascinated, shocked and seduced. As a 2.1 BD Receiver you may want to connect just two loudspeakers directly, or with an additional subwoofer. As you'd expect, BD-picture quality is great, but also from DVDs, since Melody Movie up-scales them to 1080p HD resolution. Sound quality also gets the supreme treatment with a digital amplifier that delivers 2 x 70 W, and an advanced smart signal processing system. In addition, with Dolby Virtual Speakers, you can experience all-enveloping surround sound from just two speakers. This is big, big entertainment from a very compact and well-designed box.

- Stylish and solid high gloss black cabinet
- 2 x 70 W RMS 6 Ohms
- Plays Blu-ray Disc, DVD and CD
- MP3, WMA compatible
- Stereo FM/AM with RDS
- BD-Live
- Video scaling up to 1080p
- HDMI 1.3a
- GUI
- Stereo down-mix
- iPod / iPhone compatible
- M-Xport
- Dolby Virtual Speaker and Dolby Headphone
- Subwoofer Out
- Remote Control
- Available in Black

CR603

MELODY MEDIA – CD RECEIVER WITH DAB+ AND INTERNET RADIO

New

The Melody Media is not only a good-looking, good-sounding CD Receiver; it also provides effortless access to a myriad of different music sources. Firstly, it gives you high-quality playback of CD content as well as MP3 and WMA files from CD-R/RW. And as it is a receiver, a radio is built-in and you can select analogue AM / FM radio or take advantage of digital radio broadcasting DAB+, which offers superior sound quality and supplementary information. The USB port is iPod-digital-compatible and is 'Works with iPhone' certified. But it doesn't stop there: you can also connect the Melody Media to the Internet or your PC via the Ethernet input on the back. The DLNA 1.5 certified Melody Media plays thousands of free-of-charge Internet radio stations from all over the world via vTuner. You can even access your own music library on your PC. Whatever you want, the powerful 60 W RMS x 2 plays music loud and clear… and effortlessly, because the large display makes operation easy. The Melody Media has it all.

- Stylish and solid metal cabinet
- 2 x 60 W RMS 6 Ohms
- DAB+ and Stereo FM/AM Tuners
- vTuner internet radio
- Streaming music from PC
- CD, CD-R/RW, MP3, WMA
- iPod / iPhone compatible USB input
- AUX-input
- Tone control
- Source direct function
- Speaker A/B
- Headphone output
- Remote Control
- Available in Black

CR503

MELODY MUSIC – CD RECEIVER

New

If you're looking for a compact all-in-one music player that looks as great as it sounds, then look no further. The Marantz high-quality lifestyle CD Receiver Melody Music – now in its second generation – will dazzle you in both look & feel as well as in audio reproduction. Inside the stylish aluminium cabinet, finished with a high-gloss black cover, the Melody Music has the technology to play all your digital music as well as your favourite FM radio stations with RDS information – and all with a powerful 60 W RMS x 2 ch into 6 Ohms or 30 W RMS x 4 ch into 6 Ohms. The Melody Music will play your CDs and your MP3 and WMA files, even those stored on a USB device, iPod or an iPhone. You can even hook up your PC via the M-Xport for Bluetooth wireless audio with optional RX101. All of which means high-quality music from almost any source. Enjoy it in your main room, via headphones or in a multi-room set-up – you can even expand the system with subwoofer and satellite speakers. Almost anything is possible with this amazing compact and powerful CD Receiver.

- Stylish solid metal cabinet
- 2 x 60 W RMS 6 Ohms
- Stereo FM/AM Tuner
- AUX-input
- Tone control
- CD, CD-R/RW, MP3 and WMA
- iPod / iPhone compatible USB interface
- Source direct
- Speaker A/B
- Headphone output
- Remote Control
- Available in Silver

ANY FILE POSSIBLE

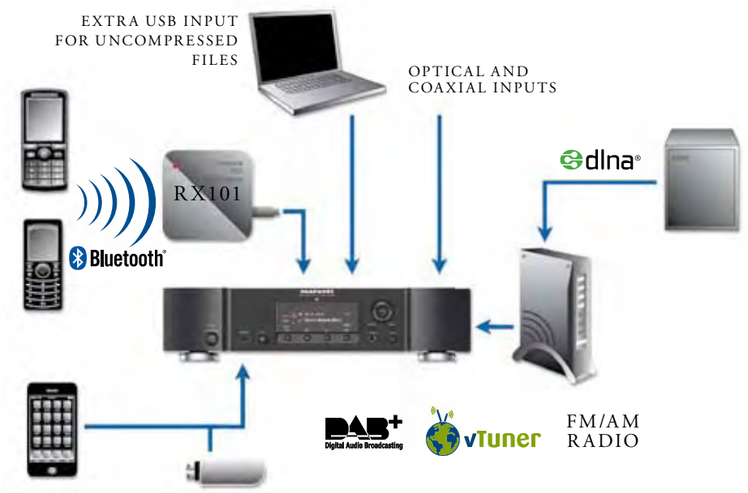
The new CR603 features network connections – so you can enjoy almost any music file from almost any device. The CR603 offers audio streaming capabilities thanks to the built-in digital media player, so it can decode music files stored on your PC or external storage unit streamed via the network.
Almost any file is possible including MP3, WMA, FLAC and AAC. And all handled with the best possible quality, thanks to the high quality built-in audio processing engine and Marantz Digital Audio Expander (M-DAX) technology for compressed audio.
With built-in vTuner Internet Radio, you can also enjoy thousands of on-line radio stations and with optional Bluetooth connectivity (RX101 module) music can even be streamed from a compatible Bluetooth device.

DAB+ DIGITAL RADIO
INTERNET RADIO
MEDIA STREAMING
BLUETOOTH CONNECTIVITY
DIRECT IPHONE/IPOD CONNECTION
ITUNES PLAYBACK VIA AIRPLAY

NETWORK AUDIO PLAYER

ANY FILE POSSIBLE

The new NA7004 features network connections – so you can enjoy almost any music file from almost any device. The NA7004 offers audio streaming capabilities thanks to the built-in digital media player, so it can decode music files stored on your PC or external storage unit streamed via the network.
Almost any file is possible including MP3, WMA, FLAC and AAC. And all handled with the best possible quality, thanks to the high quality built-in audio processing engine and Marantz Digital Audio Expander (M-DAX) technology for compressed audio.
With built-in vTuner Internet Radio, you can also enjoy thousands of on-line radio stations and with optional Bluetooth connectivity (RX101 module) music can even be streamed from a compatible Bluetooth device.



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NA7004

NETWORK AUDIO PLAYER

New

The NA7004 is your ideal connection to your favourite music, no matter where it comes from – whether it's from your PC, external hard disc, or as an FM, DAB or DAB+ radio station broadcast in your country, or even on the other side of the world via Internet radio or music service Napster. The NA7004 connects to them all. That's because it incorporates technology based on the DLNA1.5 standard for audio streaming. This functionality can also be found in other products, but here it is much more directed to music lovers and audiophiles, because Marantz has done everything to ensure top-quality audio: rigid cabinet structure, strong power supply, audio output stage applying the famous HDAM-SA2, and fine-tuning by customized components. This network audio player is even ideal for people with no network installed in the home. Simply hook-up the NA7004 via USB connector on the back to your PC and it will recognize the NA7004 as an external sound card. That's the most direct way to enjoy excellent quality. And there's more: digital inputs, iPod-digital-compatible USB and optional Bluetooth reception. This is versatility in the extreme, but amazingly it's also extremely easy to operate via the large display.

- vTuner Internet radio
- Streaming music from PC
- DAC Mode: 2 digital inputs and USB type B
- DAB+
- Stereo AM / FM tuner
- High quality D/A converter
- CS4398
- Discrete symmetric circuit architecture
- HDAM-SA2 circuitry
- iPod / iPhone compatible
- M-XPort
- Remote bus
- Dedicated remote control or control via App (with Network)
- Available in Black

CLOSER TO PERFECTION WITH SUPER AUDIO

SA11S2

SACD PLAYER

New

Once again, Marantz engineers have used the successful technologies of the Reference Series to create an equivalent in the Premium Range. This time technologies from the SA7S1 have been applied to create the new SA11S2. Most notably, the latest digital filtering parameters are nowused to create reference-quality playback – making standard CDs sound like SACDs. The new die-cast mechanism is also derived from the SA7S1, to guarantee crystal-clear data readout. While the 5 mm thick aluminium-top lid and aluminium die-cast feet add reference-quality stability. Marantz engineers also added the digital phase inversion and the external clock input, providing additional fine-tuning and upgrade options. The result? Sustained signal integrity, original sound stage reproduction, unsurpassed rhythmic intensity, and a quality of dynamics and pacemore usually associated with the recording studio.

- Second generation audiophile Super Audio CD and CD player of 11-Series
- Technologies derived from the Reference Series SA7S1
- Newmodified die-cast loading mechanism derived from the SA7S1
- Heavy, 5 mm thick, copper-plated aluminium-top lid and aluminium die-cast feet
- Marantz exclusive D2F – Dynamic Digital Filtering
- Marantz own filter characteristic makes standard CD sounds almost like SACD
- High grade DSP technology able to handle the 8 x over sampled CD data stream
- Three exclusive digital filter characteristics selectable – same as SA7S1 – for different tastes
- Switchable DC filter to cancel offsets on older CDs
- Switchable Noise Shaper for additional fine tuning
- HDAMSA2: High speed amplifier module with newhigh precision Melf resistors
- Shielded Toroidal transformer for stable power delivery
- Lowjitter high precise internal clock system
- Additional external clock input and digital phase inverter
- Copper-plated chassis, rear panel and system block shielding
- Rigid double layer chassis construction with aluminium front and side panels
- Balanced XLR and gold-plated RCA output terminals
- Low noise LCD
- Aluminium-top remote control with Marantz amplifier control

SACD / CD PLAYERS

SA-15S2

PREMIUM SUPER AUDIO CD PLAYER

New

The oversized Toroidal transformer inside the SA-15S2 generates the cleanest of power deliveries to eliminate component cross-contamination, while the highly-acclaimed Marantz Xyron mechanism, with solid aluminium housing, supports MP3 and WMA playback – without, of course, affecting its CD and SACD sound quality. The advanced Cirrus Logic bitstream CS4398 DAC heightens analogue performance and provides a choice of different digital filters. In addition, the analogue output stage makes use of the HDAM-SA2 module and selected components, and the headphone stage is equipped with a high-speed current buffer amp making it insensitive to the headphone when connected: hence noise is minimised and audio quality maximised. Another major benefit is the digital input, enabling you to connect a music server or a network audio client to take advantage of the high-quality DAC and the superior audio output stage.

- Audiophile SACD (stereo) and CD DA player
- High precision 'Super' Audio D/A converter CS4397 from Crystal
- High performance system clock to reduce jitter to the minimum
- Short symmetric discrete circuit architecture
- Low noise LCD
- The Marantz Current Feedback Hyper Dynamic Amplifier Modules (HDAM)
- High grade customised components
- Zero-Impedance Matching Joint for best signal to noise ratio
- Dedicated top grade headphone circuitry with a fast Current Feedback circuitry
- Rigid double layer chassis construction with aluminium front and side panels
- Blue illumination (switchable)
- Aluminium top remote control with Marantz amplifier control
- Gold-plated RCA output terminals
- Marantz D-Bus

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SA7003

SACD PLAYER

This stereo SACD and CD player underlines the Marantz heritage for high quality two channel audio reproduction. It faithfully reproduces a wide sound stage with no extra or missing information, thanks to the faster, low-noise and lower impedance symmetrical circuits with high quality parts. The loading mechanism is made from a new material called Xyron, which has very high rigidity and resonance-damping characteristics. Its reduced distortion spectrum enables you to listen to SACDs with the sonic excellence you've come to expect from this player. It can even replay compressed audio formats such as MP3 and WMA in high quality. The headphone amplifier and gold-plated outputs complete this beautiful player. In total, the SA7003 expresses the Marantz dedication to the purest reproduction of musical emotion.

- SACD (stereo) and CD DA playback
- Audiophile D/A conversion via the CS4397 'Super DAC'
- Marantz Current Feedback Hyper Dynamic Amplifier Modules
- Dedicated power supply circuits for system blocks
- High grade audio components
- Zero impedance matching joint
- Symmetric discrete circuit architecture
- Gold-plated outputs for best connectivity
- Display off function to minimise high frequency noise interference
- High quality headphone fast current buffer output
- Quick replay
- Dedicated remote and Marantz D-Bus

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CD6003

CD PLAYER

Developed as successor for the highly popular and What Hi-Fi? Award winner CD6002, this new CD6003 offers everything a dedicated music lover desires: wide dynamic range, clear detail reproduction, and excellent staging. The solid chassis is further strengthened by an additional metal bottom-plate, which further reduces unwanted vibration and makes the CD6003 a real 'heavyweight fighter'. The mechanism is centrally installed and the USB input is derived from the SA8003 and features an iPod digital connection. The stable, oversized power supply feeds the digital and analogue circuitry of the player, where the high quality CS4398 converts digital signals into analogue, which is then 'pushed' to the gold-plated cinch outputs by Marantz's own small signal amplifier, the HDAM-SA2. Altogether the CD6003 is a match made in heaven for the music lover who wants nothing but the best performance at an attractive price.

WHAT HI-FI? SOUND AND VISION AWARDS 2009
CD PLAYERS
BEST CD PLAYER UP TO £500
MARANTZ CD6003

- Compatible with CD DA and CD-R/RW discs
- Playback of MP3 and WMA files
- CD-Text on front panel display
- High quality DA conversion with CS4398
- Audio circuit with Marantz HDAMs derived from SA15S1
- Customised audio components for best balanced audio
- Oversized transformer for stable power supply
- Display off function to minimised high frequency noise interference
- Gold-plated stereo audio out and coaxial digital out RCA sockets
- Headphone circuit with high speed audio buffer amplifier
- Solid metal front panel and rigid chassis construction with heavy metal plate
- Dedicated remote and Marantz D-Bus

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CD5004

CD PLAYER

New

The CD5004 plays CD, CD-R and CD-RW discs as well as MP3 and WMA files. And perhaps more importantly, it helps reproduce high-quality audio. That's because it incorporates high-quality audio components such as the famous CS4392 DAC as well as the Marantz-own HDAM-SA2. It also includes customised components for sound tuning and a reliable CD transport mechanism. The Audio EX(clusive) mode further enhances sound quality by switching off functions, such as digital output and pitch control that are not in use. The Auto Music Scan (AMS) quickly finds the music on the disc and the Quick Replay function repeats favourite passages. In addition, high-grade gold-plated analogue outputs guarantee best connectivity. A well-defined headphone output, an easy to read display, and a remote control rounds off this excellent player.

- Analogue audio circuits featuring Marantz HDAM®-SA2
- ELNA Silmic & Cerafine series High performance audio grade capacitors
- High performance Cirrus Logic CS4392 D/A converter
- Current-buffered headphone output
- Audio EX mode for super-quiet performance
- MP3/WMA playback capability with CD-R/RW disc
- Variable pitch control
- Convenient 'Quick Replay' function
- IR Flasher input
- CD-Text, MP3/WMA tag data display
- Independent gold-plated analog output jacks
- Gold-plated coaxial and optical digital outputs
- Detachable power cord

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CC4003

CD CHANGER

With a five-disc carousel, fully programmable playback mode as well as random, repeat and scan modes, the CC4003 CD changer provides endless combinations of non-stop music. Its multi-read drive plays not only CDs but also CD-R/RWs with MP3 or WMA files. For the analogue output, the internal high quality CS4392 D/A converter guarantees superb sound quality. Coaxial digital and optical outputs are provided for digital connection. There's also a headphone output with adjustable volume, and the dedicated remote controller provides direct disc access, while the metal chassis and solid metal front panel provide a rigid base for high quality performance. The Marantz D-Bus system and a built-in RS232C port with discrete coding provide an open architecture for enhanced system control. And of course it's in the new M1 Reference Style design.

- Five disc CD changer with fast disc access
- Compatible with CD and CD-R/RW discs
- MP3 playability
- Multi-bit D/A conversion via CS4392 DAC
- Thick aluminium front panel
- Stable low resonance mechanism mounted on solid metal chassis
- Headphone output with adjustable volume
- Digital coaxial and optical outputs
- Auto Music Scan
- Random and program play
- RS232C and Flasher In ports for system integration
- Dedicated remote with direct disc access and Marantz D-Bus

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ST6003

TUNER

The ST6003 is an FM / AM Stereo analogue tuner with access to all major frequencies and has a high-sensitivity front end to ensure drift-free reception. The RDS tuner lets you tune by frequency or program type, while the new full dot matrix display clearly indicates the frequencies and radio data such as station name or radio text. It comes with 50 station presets and a sleep timer function. And, via the Marantz D-Bus you can remote control the ST6003 with any Marantz amplifier remote or optional RC101. In total, the ST6003 combines high-quality audio components for the best sound with functionality and ease of use.

- Drift-free stereo FM and AM tuner
- Sophisticated new aluminium / reinforced resin front panel
- Radio Data System (RDS) function
- High-quality audio components for best sound
- Full dot-matrix display
- Solid metal front panel and rigid chassis construction
- 50 presets across all wavebands
- Frequency direct input (via D-Bus)
- Triple IR code (via D-Bus)
- Sleep timer function

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IS301

HAND HELD DOCKING STATION FOR iPOD

Now you can enjoy your iPod files on your main stereo system – and, enjoy holding your iPod in your hands, controlling playback from this genius interface. Simply plug the IS301 handheld adapter into your iPod and send the files, via Bluetooth (A2DP), to your receiver unit. A separate base docking station can be used to store the handheld module, where it handles iPod charging and connection, via USB, with iTunes on your PC. The cradled approach also means you can even deliver video from your iPod's library when this is wired with the receiver unit. The cradle's flexible design means it can be put on a table or wall mounted. Controlling the power, volume and source of your Marantz amplifier can easily be done with the buttons on the handheld module. Simply keep your iPod in your hand and enjoy your favourite music on your HiFi system while sitting or walking through the room. That's flexibility.

- Wireless audio connection via Bluetooth A2DP (SCMS-T)
- Wireless Remote Control via Bluetooth AVRCP
- Wired Audio / Video connectivity
- Detachable Handset
- IR remote control for iPod and Marantz products
- Charges iPod (when docked)
- USB connectivity for synchronisation of iPod with iTunes
- RS232C control functionality
- Workswith certain other Bluetooth devices (Mobile Phones, etc)
- No iPod adaptors required
- Enhanced functionality with Marantz RC5 connectivity (Power, Volume, Input selection)

IS301 CONSISTS OF THE FOLLOWING COMPONENTS:

IS301DS DOCKING STATION

- Analogue audio and remote control outputs
- Video outputs and UART control
- Flexible installation options (table top or wall-mount)
- IR Receiver for Remote (AV components can be hidden away)
- Video signal selectivity

IS301RX MODULE

- Analogue audio and remote control outputs
- Video outputs and UART control
- RC5 In / Out
- Composite Video / S-Video / Component Video outputs
- Audio L/R outputs
- Bluetooth pairing key
- BT pairing and status LED for Bluetooth
- RS232C connectivity
- Antennae for Bluetooth interface

IS301 HANDSET

- Detachable Handset
- USB connection (synchronisation with iTunes)

TT15S1
TURNTABLE

Fulfilling numerous requests from analogue aficionados, Marantz developed the TT15S1 premium turntable. With acrylic resin chassis, solid aluminium feet, magnetic anti-skating, ceramic bearings, and continuous silicon belt, it delivers top-class performance and uninterrupted listening pleasure. The TT15S1 also includes the Marantz exclusive MM system in a stylish ebony body, so it is pleasing to the eye as well as the ear. Its anodised arm has been optimised to partner the unit perfectly, while the high-grade audio interconnect is directly fixed to the system. And, with a design that matches all other products in the Premium Series, it represents the ultimate addition to any audiophile's Marantz home audio system.

- Acryl chassis with heavy massive aluminium feet
- Minimised chassis resonances
- Chassis and feet shape matching to the new Premium design
- Very tight platter tolerances to guarantee rotational accuracy
- 3 cm thick heavy acryl platter
- Ceramic bearing in polished sinter bronze cap
- Endless silicon belt
- Motor dampened and isolated from chassis to prevent any vibration influence
- Marantz exclusive MM system in ebony body
- Anodised arm optimised to the system
- Direct fixed, high grade interconnect of OFC copper with RCA plugs
- Contact-free magnetic anti skating system
- Fine adjustable counterweight
- System pre-installed to assure easy set up
- Clever Clamp for better contact of disc to platter
- Black platter felt

TT42 / TT42PA
TURNTABLE

- Full automatic turntable system
- Low noise design direct coupled DC servo motor
- Belt-drive system
- Low coloration tone arm
- Full floating chassis
- Full automatic end-of-side arm lift
- Manual start and cue control
- Two speed selection
- Ready fitted MM cartridge
- Tone arm support with arm lock
- Transparent dust cover
- Available as TT42PA which includes an in-built phono pre-amp designed for amplifiers, receivers or home theatre receivers without a phono preamp input

MA6100
125 W THX-ULTRA CERTIFIED MONO POWER AMPLIFIER

As all Marantz AV receivers are equipped with 'Pre-out' outputs, the MA6100 Mono-block amp can be added to provide more power to any channel.

- THX Ultra® Certified – designed and engineered to the very highest standards for the finest surround sound experience
- Current Conversion Noise Eliminator (CCNE) eliminates rectifier noise and preserves high frequency fidelity
- Non-tarnishing gold-plated terminals
- High power output delivers a huge 125 W (RMS into 8 Ohms), rising to a powerful 180 W into demanding 4 Ohms speakers
- Invert out to BTL connection
- Video signal sensor automatically activates and deactivates the unit so there's no need to scramble for the power switches
- Remote operation possible via D-Bus interface

HP101
IN-EAR HEADPHONES

- Designed for excellent audio quality with a stylish turned aluminium body
- Shaped to fit the ear canal (in-ear type), the HP101 reduces exterior noise and keeps your music from disturbing others
- Cables use OFC wiring for excellent audio quality
- Cables are coveredwith environmentally friendly PVC-free elastomer
- Left and right cables are designed to the same length to keep equal sound quality
- Tube slider provided to adjust length of cable from the Y-split
- The HP101 is providedwith:
  - convenient converter plug useable on airplanes
  - a onemeter extension cable
  - a converter plug compatible with standard headphone jacks
  - three sets of in-ear-canal plugs in 3 sizes (small, medium, large)
  - a plush carrying case, with room for all accessories

TECHNICAL DATA

AV7005

AV PRE-AMPLIFIER	GLOSSARY	AV7005
FEATURES		
MULTICHANNEL SURROUND		
THX Ultra II / Select II	31	- / -
THX Surround EX		-
DTS HD Master / DTS 5.1 / DTS ES / DTS 96/24	36, 37	• / • / • / •
Dolby Digital Plus / Dolby TrueHD / Dolby Digital EX / DPL IIz	32, 34	• / • / • / •
Audyssey DSX	38	•
Dolby Virtual Speaker / Neural Surround	35	• / •
Multichannel Stereo		•
Dolby Headphone	33	•
Compressed audio Enhancer: MDAX / MDAX2	18	- / •
SOUND ENHANCEMENTS		
Current Feedback Topology	2	•
Hyper Dynamic Amplifier Modules (HDAM)	4	•
Power Transformer: Toroidal / EI	3	- / •
High Grade Audio Components		•
Chassis: Copper-plated / Metal	7	- / •
NETWORK		
DLNA Certified	49	• (v1.5)
Network Audio: MP3 / WAV / AAC / FLAC / WMA	16	• / • / • / • / •
Network Video		-
Internet Radio: direct / external media player		• / •
vTuner / Napster* / last.fm*	50, 51	• / • /•
Ethernet		•
OTHERS		
Bluetooth audio via RX101	47	optional
Auto speaker setup by microphone		Audyssey MultEQ XT
Audyssey Dynamic EQ / Dynamic Volume	19, 20	• / •
Video conversion	22	CVBS > Comp > HDMI
Analogue to HDMI scaling	21	> 1080p
HDMI to HDMI scaling	21	•
Videoprocessing	24, 25	Anchor Bay (ABT2015)
Picture adjust / Noise reduction		• / •
HDMI path though on stand-by		•
3D video pass through	29	•
Audio Return Channel		•
On Screen Display: GUI / OSD		• / -
Variable cross over		10
Multiroom zones	41	2
INPUTS/OUTPUTS		
VIDEO		
Composite In / Out		5 / 3
S-Video In / Out		-
Component In / Out		4 / 2
HDMI In / Out (version x.x)	23	6 / 2 (1.4a)
Multi-Room Video Out: Video / Component		• / •
AUDIO		
Analogue In / Out		8 / 2
Balanced In / Out	14	- / 7.2
Phono (MM) In		•
Digital Optical In / Out		3 / 1
Digital Coaxial In / Out		2 / 0
Multichannel Pre Out / Main In		• (11.2 ch) / -
Subwoofer Out		•
7.1 multichannel input		•
OTHER		
M-XPort for RX101	46	•
Speaker A / B		•(pre out)
Height speaker terninal		•(pre out)
Bi-amp drive (5.1 ch setting) / Speaker C		• / •
Marantz remote bus	43	•
IR Flasher In	45	1
Network: (IP-control / update)		• / •
RS232C (control / update)	42	•
DC Triggers	44	2
Front Inputs: Audio / Composite / Digital (Opt) / HDMI / USB	15	• / • / • / • / •
USB Audio / Made for iPod / Works with iPhone	48	• / • / •
SPECIFICATIONS		
Audio Signal to Noise Ratio		102 dB
FM Tuner		•
GENERAL		
Available colors: Gold / Silver / Black / Silver-Gold		- / - / • / -
Metal Front Panel		•
System Remote Control		RC011SR
Pre-programmed / Learnable / LCD Display		• / • / •
Power Consumption in W		85
Standby Consumption in W	53	0.2
Maximum Dimensions (W x D x H) in mm		440 x 395 x 187
Weight in kg		11.0

* Not available in all regions

AV POWER AMPLIFIERS	GLOSSARY	MM8003	MM7055	MM7025
FEATURES				
Channels		8	5	2
Current Feedback Topology	2	•	•	•
Power Transformer: Toroidal / EI	3	• / -	- / •	- / •
High Grade Audio Components		•	•	•
Customised Components	5	•	•	•
Aluminium extrusion heat sink		•	•	•
Copper-plated chassis	7	•	-	-
OTHER				
Linear Drive Power Supply		•	•	•
BTL Possibility		-	-	-
BI-AMP and Multichannel option		•	-	-
Shottky diodes		•	-	-
Input buffer amp (all inputs / CD only)		• / -	• / -	• / -
Low noise LCD display		-	-	-
Low noise LED display		-	-	-
Power Meter : Analog / Digital		- / -	- / -	- / -
Standby Mode		•	•	•
INPUTS/OUTPUTS				
Balanced In / Out	14	8 / -	5 / -	2 / -
Pre-out / Main-in		- / 8	- / 5	- / 2
Gold-plated Cinch		•	-	-
Speaker A / B		-	-	-
Speaker Terminal: Screw / Marantz / WBT		• / - / -	• / - / -	• / - / -
Number of terminals		8	5	2
D-Bus	43	•	•	•
Remote Power Control (Trigger - In / Out)	44	•	•	•
Flasher In / IR Receiver In	45	• / -	• / -	• / -
Headphone Out		-	-	-
SPECIFICATIONS				
Power Output (8 / 4 Ohms RMS)		140 W / 170 W (6)	140 W / 170 W (6)	140 W / 170 W (6)
Frequency Response		8 Hz - 100 kHz (+-3 dB)	8 Hz - 100 kHz (+-3 dB)	8 Hz - 100 kHz (+-3 dB)
Total Harmonic Distortion		0.03% (20 Hz - 20 kHz)	0.03% (20 Hz - 20 kHz)	0.03% (20 Hz - 20 kHz)
Damping Factor		100	100	100
Input Sensitivity: High level		1.2 V / 22 K	1.2 V / 22 K	1.2 V / 22 K
Input Sensitivity: Balanced High level		2.4 V / 30 K	2.4 V / 30 K	2.4 V / 30 K
Signal to Noise Ratio: High level		105 dB	105 dB	105 dB
GENERAL				
Available colors: Gold / Silver / Black / Silver-Gold		- / - / • / -	- / - / • / -	- / - / • / -
Metal Front Panel		•	•	•
Power Consumption in W		880	440	200
Standby Consumption in W	53	0.4	0.4	0.4
Auto power off	53	-	•	•
Detachable Power Cable		•	•	•
Remote Control		-	-	-
System Remote Function		-	-	-
Maximum Dimensions (W x D x H) in mm		440 x 384 x 184.5	440 x 384 x 183	440 x 352 x 126
Weight in kg		17.9	15.2	10.5

TECHNICAL DATA

AV RECEIVERS	GLOSSARY	SR7005	SR6005	SR5005	NR1601	NR1501
FEATURES						
MULTICHANNEL SURROUND						
DTS HD Master / DTS 5.1 / DTS ES / DTS 96/24	36 / 37	• / • / • / •	• / • / • / •	• / • / • / •	• / • / • / •	• / • / • / •
Dolby Digital Plus / Dolby TrueHD / Dolby Digital EX / DPL IIz	32 / 34	• / • / • / •	• / • / • / •	• / • / • / •	• / • / • / •	• / • / • / -
Audyssey DSX	38	•	-	-	-	-
Dolby Virtual Speaker / Neural Surround	35	• / •	• / •	• / •	• / •	- / -
Multichannel Stereo		•	•	•	•	- / -
Dolby Headphone	33	•	•	•	•	-
Compressed audio Enhancer: MDAX / MDAX2	18	- / •	- / •	- / •	- / •	-
SOUND ENHANCEMENTS						
Current Feedback Topology	2	•	-	-	-	-
Hyper Dynamic Amplifier Modules (HDAM)	4	•	-	-	-	-
High Grade Audio Components		•	•	-	-	-
NETWORK						
DLNA Certified	49	• (v1.5)	-	-	-	-
Network Audio: MP3 / WAV / AAC / FLAC / WMA	16	• / • / • / • / •	-	-	-	-
Internet Radio: direct / external media player		• / •	-	-	-	-
vTuner / Napster* / last.fm*	50 / 51	• / • / •	-	-	-	-
Ethernet		•	-	-	-	-
OTHERS						
Bluetooth audio via RX101	47	optional	optional	optional	optional	-
Auto speaker setup by microphone		Audyssey MultEQ XT	Audyssey MultEQ	Audyssey MultEQ	Audyssey MultEQ	MRAC
Audyssey Dynamic EQ / Dynamic Volume	19 / 20	• / •	• / •	• / •	• / •	-
Video conversion	22	CVBS > Comp > HDMI	CVBS > Comp > HDMI	CVBS > HDMI; Comp > HDMI	CVBS > HDMI; Comp > HDMI	CVBS > HDMI; Comp > HDMI
Analogue to HDMI scaling	21	> 1080p	> 1080p	> 1080p	• (576p)	•
HDMI to HDMI scaling	21	•	•	•	-	-
Videoprocessing	24 / 25	Anchor Bay (ABT2015)	Anchor Bay (ABT2015)	Anchor Bay (ABT1030)	•	-
Picture adjust / Noise reduction		• / •	• / •	- / -	- / -	- / -
HDMI path though on stand-by		•	•	•	•	-
3D video pass through	29	•	•	•	•	-
Audio Return Channel		•	•	•	•	-
On Screen Display: GUI / OSD		• / -	• / -	- / •	- / •	- / •
Variable cross over		10	10	10	10	•
Multiroom zones	41	2	1	1	-	-
INPUTS/OUTPUTS						
VIDEO						
Composite In / Out		4 / 3	5 / 2	5 / 2	3 / 1	3 / 2
Component In / Out		4 / 2	3 / 1	3 / 1	3 / 1	- / -
HDMI In / Out (version x.x)	23	6 / 2 (1.4a)	6 / 1 (1.4a)	4 / 1 (1.4a)	4 / 1 (1.4a)	4 / 1 (1.3a)
Multi-Room Video Out: Video / Component		• / •	- / -	- / -	- / -	- / -
AUDIO						
Analogue In / Out		8 / 2	7 / 1	6 / 1	6 / 0	5 / 1
Phono (MM) In		•	-	-	-	-
Digital Optical In / Out		3 / 1	3 / 1	3 / 1	2 / 0	2 / 0
Digital Coaxial In / Out		2 / 0	2 / 0	2 / 0	1 / 0	1 / 0
Multichannel Pre Out / Main In		• (7.2) / -	• (7.2) / -	• (7.1) / -	• (0.1) / -	• (0.1) / -
Subwoofer Out		2	2	1	1	1
7.1 multichannel input		•	•	•	-	-
OTHER						
M-XPort for RX101	46	•	•	•	•	-
Speaker A / B		•	•	•	•	-
Height speaker terninal		Speaker B or Height	Speaker B or Height	Speaker B or Height	Speaker B or Height	-
Bi-amp drive (5.1 ch setting) / Speaker C		• / •	• / •	• / •	• / •	- / -
Multi-Room Speaker Terminal		•	•	•	-	-
Marantz remote bus	43	•	•	•	•	•
IR Flasher In	45	•	•	•	•	-
Network: (IP-control / update)		• / •	- / -	- / -	- / -	- / -
RS232C (control / update)	42	• / •	• / •	• / •	- / -	- / -
DC Triggers	44	2	1	1	-	-
Front Inputs: Audio / Composite / Digital (Opt) / HDMI / USB	15	• / • / • / • / •	• / • / • / - / •	• / • / • / - / •	• / - / - / - / •	• / - / - / - / -
USB Audio / Made for iPod / Works with iPhone	48	• / • / •	• / • / •	• / • / •	• / • / •	- / - / -
SPECIFICATIONS						
Power Output (8 Ohms, 20 Hz - 20 kHz, 0.08% 2ch Drive)		125 W	110 W	100 W	50 W	50 W
70% Guarantee	1	•	•	•	-	-
Audio Signal to Noise Ratio		100 dB	100 dB	100 dB	98 dB	98 dB
FM Tuner		•	•	•	•	•
GENERAL						
Available colors: Gold / Silver / Black / Silver-Gold		- / - / • / -	- / - / • / -	- / - / • / -	- / - / • / -	- / - / • / -
Metal Front Panel		•	•	•	•	•
System Remote Control		RC011SR	RC011SR	RC010SR	RC010SR	RC006SR
Pre-programmed / Learnable / LCD Display		• / • / •	• / • / •	• / • / -	• / • / -	• / - / -
Power Consumption in W		750	650	650	250	250
Standby Consumption in W	53	0.2	0.2	0.2	0.2	0.5
Maximum Dimensions (W x D x H) in mm		440 x 406 x 185	440 x 389 x 161	440 x 389 x 161	440 x 367 x 105	440 x 367 x 105
Weight in kg		13.0	11.8	11.6	9.0	8.6

* Not available in all region

UNIVERSAL BLU-RAY HD PLAYERS	GLOSSARY	UD9004	UD8004	UD5005	BD5004
FEATURES					
Compatibility: CD / SACD / DVD / DVD-A / Blu-ray Disc	12 / 26	• / • / • / • / •	• / • / • / • / •	• / • / • / • / •	• / - / • / - / •
7.1 HD Audio Output		•	•	-	-
Internal memory for BD-Live (1 Gb)		-	-	•	-
Audio / Video streaming from network	16	-	-	•	-
Audio exclusive mode	9	•	•	•	•
Quick Start Mode		•	•	•	-
Video Scaling on HDMI: up to 1080P	21	•	•	•	•
Compressed Audio Compatibility: WMA / MP3		• / •	• / •	• / •	• / •
MULTICHANNEL/SURROUND					
Decoder: Dolby Digital Plus / Dolby TrueHD / DTS HD	32 / 36	• / • / •	• / • / •	• / • / •	- / - / -
Decoder: DD / DTS / DTS96/24 / SACD		• / • / • / •	• / • / • / •	• / • / • / •	• / • / - / -
Multi Channel Down Mix: DD / DTS / SACD	40	• / • / •	• / • / •	• / • / •	• / • / -
Virtual surround		•	•	•	•
AUDIO/VIDEO ENHANCEMENTS					
CD Compatibility: CD / CD-R/RW / HDCD / SACD	12	• / • / • / •	• / • / • / •	• / • / - / •	• / • / - / -
DVD Compatibility: DVD-V / DVD-A / DVD-R / DVD-RW (video) / DVD+R/RW		• / • / • / • / •	• / • / • / • / •	• / • / • / • / •	• / - / • / • / -
AVCHD / DivX HD / DivX6 / DivX Ultra / DivX plus HD	30	• / - / • / - / -	• / - / • / - / -	• / • / • / - / •	• / • / • / - / -
MP3 / WMA from: CD / DVD / USB		• / • / -	• / • / -	• / • / •	• / • / -
Image Disc Compatibility: JPEG / JPEG HD / Picture CD		• / • / •	• / • / •	• / - / •	• / • / •
HDAM version	4	HDAM+HDAM SA2	HDAM+HDAM SA2	-	-
Dedicated High Grade Audio Power Supply		•	•	-	-
Power Transformer: Toroidal / EI	3	• / -	- / •	- / •	- / •
High Grade Audio Components		•	•	•	•
Customised Components	5	•	•	-	-
Copper-plated Chassis	7	•	-	-	-
System block shielding: Copper-plated / Metal / none		• / - / -	- / • / -	- / • / -	- / • / -
Double Layer Bottom Plate		•	•	-	-
Additional top cover sheet		•	-	-	-
Bass-Management (SACD / DVD-A)		•	•	-	-
Gold-plated Cinch		•	•	-	-
OTHERS					
3D video support	29	-	-	• (update)	-
CEC		•	•	•	-
True 24 Frames Per Second (FPS)	28	•	•	•	•
HDMI video adjustments		•	•	•	•
Selectable HDMI output level (normal / expand)		•	•	-	-
NETWORK					
DLNA Certified	49	-	-	• (v1.5)	-
Network Audio: MP3 / WMA / AAC / FLAC / WAV	16	-	-	• / • / • / - / •	-
Network static video (JPEG)		-	-	•	-
Network Video: MPEG / DivX / H.264 / WMV		-	-	• / • / • / •	-
Online contents service (YouTube)		-	-	• (update)	-
INPUTS/OUTPUTS					
VIDEO					
Composite / S-Video / Component		• / • / •	• / • / •	• / - / •	• / - / •
HDMI (version x.x)	23	1.3a (2x)	1.3a	1.4a (3D ready)	1.3a
AUDIO					
Analogue Out: 2ch / 5.1ch / 7.1ch (Cinch)		• / • / •	• / • / •	• / - / -	• / - / -
XLR analogue out (L/R)	14	•	-	-	-
Digital Out: Coax/ Optical		• / •	• / •	• / -	• / -
OTHER					
SD Card reader		•	•	-	•
USB	15	-	-	•	-
Ethernet		•	•	•	•
D.Bus	43	-	•	•	-
Flasher IN / OUT	45	• / •	• / •	• / -	• / •
RS232	42	•	•	-	-
SPECIFICATIONS					
D/A convertion (video)		297 MHz / 14-bit	297 MHz / 12-bit	-	150 MHz / 12-bit
D/A converter chip (video)		ADV7344	ADV7340	-	MN2WS006DFF
D/A convertion (audio)		192 kHz / 32-bit	192 kHz / 24-bit	192 kHz / 24-bit	192 kHz / 24-bit
D/A converter chip (audio)		AK4399	PCM1796	PCM1781	PCM1782
Video processing	24 / 25	Realta Optix HQV	ABT2015	-	MN2WS006DFF
Frequency response CD (linear PCM)		2 Hz to 20 kHz	2 Hz to 20 kHz	2 Hz to 20 kHz	4 Hz to 20 kHz
Frequency response (SACD, DVD-A)		2 Hz-100 kHz (SACD)	2 Hz - 100 kHz (SACD)	2 Hz - 40 kHz (SACD)	-
Signal to Noise Ratio		125 dB	120 dB	115 dB	115 dB
Dynamic Range: CD / DVD		110 dB	110 dB	100 dB	100 dB
Total Harmonic Distortion (THD)		0.0008 %	0,0015%	0,0025%	0,004% (1 kHz)
GENERAL					
Available colors: Gold / Silver / Black / Silver-Gold		- / - / • / -	- / - / • / -	- / - / • / -	- / - / • / -
Metal Front Panel		•	•	•	•
Remote Control		RC003UD	RC004UD	RC005UD	RC006BD
Power Consumption in W		88	60	27	30
Standby Consumption in W	53	0,3	0,5	0.3	0.3
Maximum Dimensions (W x D x H) in mm		440 x 409 x 164	440 x 390 x 124	440 x 331 x 107	440 x 324 x 105
Weight in kg		19.2	8.5	4.3	4.3

TECHNICAL DATA

AMPLIFIERS & CONTROL AMPLIFIERS	GLOSSARY	MA9S2	SC7S2	SM11S1	SC11S1
FEATURES					
Channels		1	2	2	2
Current Feedback Topology	2	•	•	•	•
Linear Drive Power Supply		•	•	•	•
CCNE		•	•	•	•
Linear volume control		-	•	-	•
BTL Possibility		-	-	•	-
BI-AMP and Multichannel option		-	•	-	•
Power Transformer: Toroidal / EI	3	• / -	• / -	• / -	• / -
Choke input		•	•	-	•
Shottky diodes		•	•	•	•
HDAM version	4	SA	SA	SA3	SA3
High Grade Audio Components		•	•	•	•
Customised Components	5	•	•	•	•
Phono EQ: Standard / Current Feedback / Constant Current Feedback		-	-	-	- / • / -
Input buffer amp (all inputs / CD only)		• / -	• / -	• / -	• / -
Symmetric Parallel PCB Layout	6	-	•	•	•
Alminum extrusion heat sink		•	•	•	•
Separate Solid Heat Sinks		•	-	•	-
System block shielding: Copper / metal / none		• / - / -	• / - / -	- / - / -	- / - / -
Copper-plated chassis	7	•	•	•	•
Double Layer Bottom Plate		•	•	•	•
Low noise LCD		-	-	•	•
Low noise LED display		-	•	-	-
Power Meter : Analog / Digital		• / -	- / -	- / •	- / -
Balance / Bass / Treble / Loudness		- / - / - / -	• / - / - / -	- / - / - / -	• / • / • / -
Source Direct	9	-	-	-	•
Power Amp direct	11	•	-	•	-
Standby Mode		-	-	-	-
5mm aluminium top plate		•	•	•	•
INPUTS/OUTPUTS					
Audio Inputs		-	5	-	6
Phono Input: MM / MC		- / -	- / -	- / -	• / •
Audio Outputs		-	1	-	2
Balanced In / Out	14	1 / -	1 / 1	1 / -	2 / 1
Pre-out / Main-in		- / 3	3 / -	- / 2	2 / -
Power Amp Direct IN		•	-	•	-
Gold-plated RCA		•	•	•	•
Speaker A/B		-	-	•	-
Speaker Terminal: Screw / Marantz / WBT		- / - / •	- / - / -	- / - / •	- / - / -
Number of terminals		2	-	4	-
D-Bus		-	-	-	-
Floating Control Bus System(3.5 mm mono jack x 2)		-	•	-	•
Remote Power Control (Trigger - in / out)		-	-	1 / -	- / 2
Flasher in / IR Receiver in		-	-	-	-
Headphone Out		-	-	-	•
I-Pod input (direct / docking station)		- / -	- / •	- / -	- / •
SPECIFICATIONS					
Power Output (8 / 4 Ohms RMS)		300 / 600 W	N/A	100 / 200 W	N/A
Power Output (8 / 4 Ohms DIN)		330 / 660 W	N/A	130 / 220 W	N/A
Power Output (8 / 4 Ohms IHF)		400 / 800 W	N/A	150 / 280 W	N/A
Bridged Power Output (8 Ohms RMS)		-	-	400 W	-
Frequency Response		3 Hz - 150 kHz +/-3 dB	3 Hz - 150 kHz +/-3 dB	5 Hz - 100 kHz +/-3 dB	5 Hz - 100 kHz +/-3 dB
Total Harmonic Distortion		0.01 %	0.0015 %	0.01 %	0.003 %
Damping Factor		200	N/A	200	N/A
Input Sensitivity: MM		-	-	-	2.5 mV / 47 kOhms
Input Sensitivity: MC		-	-	-	230µV / 100 Ohms
Signal to Noise Ratio: MM / MC		- / -	- / -	- / -	89 / 78 dB
Input Sensitivity: High level		1.7 V / 20 kOhms	420 mV / 20 kOhms	2.0V / 20 kOhms	250 mV / 20 kOhms
Input Sensitivity: Balanced High level		1.7 V / 40 kOhms	420 mV / 40 kOhms	2.0V / 40 kOhms	500 mV / 40 kOhms
Signal to Noise Ratio: High level		123 dB	105 dB	115 dB	105 dB
Input Sensitivity: Power Amp Direct IN		-	-	-	-
Signal to Noise Ratio: Power Amp Direct IN		-	-	-	-
GENERAL					
Available colors: Gold / Silver / Black / New Silver		• / - / - / -	• / - / - / -	• / - / - / -	• / - / - / -
Metal Front Panel		•	•	•	•
Power Consumption in W		500	20	450	25
Standby Consumption in W		-	-	-	-
Detachable Power Cable		•	•	•	•
Remote Control		-	RC001PM	-	RC001PM
System Remote Function		-	•	-	•
Maximum dimensions (W x D x H) in mm		459 x 451 x 198	459 x 441 x 136	440 x 429 x 168	440 x 431 x 127
Weight in kg		37.4	21.8	27.0	16.0

STEREO RECEIVERS	GLOSSARY	SR5023	SR4023
AMPLIFIER FEATURES			
Power transformer: Super-ring / Toroidal / EI		- / - / •	- / - / •
Symmetric PCB Layout	6	•	•
Customised Components	5	•	-
Balance / Bass / Treble		• / • / •	• / • / •
Source Direct	9	•	•
Separate Solid Heat Sinks		•	•
Speaker A/B		• / -	• / •
Phono input		•	•
Standby mode		•	•
Display dimmer		•	•
RS232C (control / update)	42	- / -	• / -
TUNER SECTION			
Broadcast bands: FM / AM		• / •	• / •
Presets		50	50
Auto tuning		•	-
Station naming		•	•
Sleep / Timer		• / -	• / -
INPUTS/OUTPUTS			
Audio inputs		6	8
Phono input: MM / MC		• / -	• / -
Audio outputs		1	3
Video inputs		-	4
Video outputs		-	2
Pre-out / Main-in		- / -	• / •
FM antenna		1	1
AM antenna		1	1
D-Bus In / Out		•	•
Speaker terminal: Click-fit / Screw / WBT		- / • / -	- / • / -
Headphone out		•	•
iPod input (direct / docking station)		- / •	- / •
Subwoofer output		•	•
AUDIO SECTION			
Power output (8 / 4 Ohms RMS)		80 / - W	80 / - W
Frequency response		10 Hz - 50 kHz (-3 dB)	10 Hz - 65 kHz (-3 dB)
Total Harmonic Distortion		0.03%	0.08%
Input sensitivity: MM		2.6 mV	2.6 mV
Input sensitivity: MC		-	-
Signal to noise ratio: MM / MC		>70 dB	>70 dB
Input sensitivity: high level		200 mV / 47 kOhms	200 mV / 47 kOhms
Signal to noise ratio: high Level		>95 dB	>95 dB
VIDEO SECTION			
Input level / impedance		-	1Vp-p / 75 Ohms
Output level / impedance		-	1Vp-p / 75 Ohms
Video frequency response		-	5 - 30 MHz
Signal to noise ratio		-	>60 dB
GENERAL			
Available colours: New Silver / Black		• / -	- / •
Metal Front Panel		•	•
Remote control		RC002SR	RC002SR
System remote function		•	•
Detachable power cable		•	•
Maximum dimensions (W x D x H)		440 x 367 x 105 mm	440 x 388 x 161 mm
Weight		7.8 kg	9.0 kg

SR5023

SR4023

TURNTABLE	GLOSSARY	TT42 / TT42PA
FEATURES		
Motor: AC / DC		- / •
Drive System: Belt / Direct		• / -
Bearing: Ceramic / Metal		- / •
Operation: Automatic / Manual		• / -
Speed: 33-1/3 & 45 RPM		• / •
Stylus (MM / MC)		• / -
Stylus version		DN251S
Belt: Rubber / Silicon		• / -
SPECIFICATIONS		
Rated Output		4 mV / 1 kHz
Freq. Range		20 Hz - 18 kHz
S/N		65 dB
GENERAL		
Available colors: Black / White		• / -
Maximum dimensions (W x D x H) in mm		420 x 360 x 137
Weight in kg		5.4

HEADPHONES	GLOSSARY	HP101
FEATURES		
Design		Dynamic type
Driver size		9.5 mm
Efficiency		98 dB/mW
Frequency response		20 Hz - 20,000 Hz
Maximum input		40 mW
Impedance		16 Ohms
Cable length		1.2 m (plus 1.0 m extension)
Weight (HP101 only)		13 g

TECHNICAL DATA

INTEGRATED AMPLIFIERS	GLOSSARY	PM11S2	PM-KI PEARL	PM-KI PEARL LITE	PM15S2	PM7004	PM6003	PM5004
FEATURES								
Channels		2	2	2	2	2	2	2
Current Feedback Topology	2	•	•	•	•	•	•	•
Phono EQ: Standard / Current Feedback / Constant Current Feedback		- / - / •	- / - / •	- / - / •	- / - / •	• / - / -	• / - / -	• / - / -
HDAM version	4	SA3	SA3	SA3	SA3	SA3	-	-
Power Transformer: Toroidal / EI	3	• / -	• / -	• / -	• / -	- / •	• / -	- / •
High Grade Audio Components		•	•	•	•	•	•	•
Customised Components	5	•	•	•	•	•	•	-
Symmetric PCB Layout		•	•	•	•	•	-	-
Aluminium extrusion heat sink		•	•	•	•	•	•	-
Copper-plated chassis	7	•	•	•	-	-	-	-
Tri Tone Control (Bass / Mid / Treble)	10	-	-	•	-	•	-	-
Balance / Bass / Treble / Loudness		• / • / • / -	• / • / • / -	• / • / • / -	• / • / • / -	• / • / • / -	• / • / • / •	• / • / • / •
OTHER								
Linear Drive Power Supply		•	•	•	•	•	•	-
CCNE		•	•	•	•	•	-	-
Shottky diodes		•	•	•	•	•	•	-
Input buffer amp (all inputs / CD only)		• / -	• / -	• / -	• / -	• / -	• / -	• / -
System block shielding: Copper / metal / none		• / - / -	• / - / -	- / - / •	- / • / -	- / - / •	- / - / •	- / - / •
Double Layer Bottom Plate		•	•	•	•	-	-	-
Low noise LCD display		•	•	-	•	-	-	-
Low noise LED display		-	-	-	-	-	-	-
Power Meter : Analog / Digital		- / -	- / -	- / -	- / -	-	-	-
Source Direct	9	•	•	•	•	•	•	•
Power Amp direct	11	-	•	•	•	•	-	-
Standby Mode		-	-	•	-	•	•	•
INPUTS/OUTPUTS								
Audio Inputs		6	6	6	6	6	6	6
Phono Input: MM / MC		• / •	• / •	• / -	• / •	• / -	• / -	• / -
Audio Outputs		2	2	2	2	2	2	2
Balanced In / Out	14	1 / -	- / -	- / -	- / -	- / -	- / -	- / -
Pre-out / Main-in		1 / -	1 / -	1 / -	1 / -	1 / -	- / -	- / -
Power Amp Direct IN		-	•	•	•	•	-	-
Gold-plated Cinch		•	•	•	•	CD	•	-
Speaker A / B		•	-	•	-	•	•	•
Speaker Terminal: Screw / Marantz / WBT		- / - / •	- / - / •	- / • / -	- / - / •	• / - / -	• / - / -	• / - / -
Number of terminals		4	2	4	2	4	4	4
D-Bus	43	-	-	•	-	•	•	•
Headphone Out		•	•	•	•	•	•	•
iPod input (direct / docking station)		- / •	- / •	- / •	- / •	- / •	- / •	- / •
SPECIFICATIONS								
Power Output (8 / 4 Ohms RMS)		100 W / 200 W	90 W / 140 W	70 W / 100 W	90 W / 140 W	70 W / 100 W	45 W / 60 W	40 W / 55 W
Power Output (8 / 4 Ohms DIN)		120 W / 210 W	95 W / 155 W	- / -	95 W / 155 W	- / -	- / -	45 W / 60 W
Power Output (8 / 4 Ohms IHF)		140 W / 260 W	100 W / 160 W	- / -	100 W / 160 W	- / -	- / -	55 W / 80 W
Bridged Power Output (8 Ohms RMS)		-	-	-	-	-	-	-
Frequency Response		5 Hz - 100 kHz	5 Hz - 100 kHz	5 Hz - 100 kHz	5 Hz - 100 kHz	5 Hz - 100 kHz	10 Hz - 70 kHz	10 Hz - 50 kHz
Total Harmonic Distortion		0,01%	0,05%	0,0002	0,05%	0,0002	0,0008	0,0001
Damping Factor		100	100	100	100	100	100	100
Input Sensitivity: MM		2 mV / 47 kOhms	2 mV / 47 kOhms	2 mV / 47 kOhms	2 mV / 47 kOhms	2 mV / 47 kOhms	2 mV / 47 kOhms	2 mV / 47 kOhms
Input Sensitivity: MC		270 µV / 100 Ohms	270 µV / 100 Ohms	-	270 µV / 100 Ohms	-	-	-
Signal to Noise Ratio: MM / MC		89 dB / 78 dB	86 dB / 75 dB	87 dB / -	86 dB / 75 dB	85 dB / -	84 dB / -	83 dB / -
Input Sensitivity: High level		240 mV / 20 kOhms	240 mV / 20 kOhms	200 mV / 20 kOhms	240 mV / 20 kOhms	200 mV / 20 kOhms	200 mV / 20 kOhms	200 mV / 20 kOhms
Input Sensitivity: Balanced High level		480 mV / 40 kOhms	-	-	-	-	-	-
Signal to Noise Ratio: High level		96 dB	89 dB	90 dB	89 dB	88 dB	87 dB	85 dB
Input Sensitivity: Power Amp Direct IN		-	1.7 V / 20 kOhms	1.6 V / 16 kOhms	1.7 V / 20 kOhms	1.6 V / 16 kOhms	-	-
Signal to Noise Ratio: Power Amp Direct IN		-	104 dB	106 dB	104 dB	106 dB	-	-
GENERAL								
Available colors: Gold / Silver / Black / Silver-Gold		• / - / - / -	- / - / • / -	- / - / • / •	• / - / - / -	- / - / • / •	- / - / • / •	- / - / • / •
Metal Front Panel		•	•	•	•	•	•	•
Power Consumption in W		300	220	200	220	200	150	110
Standby Consumption in W	53	-	-	0.3	-	0.3	0.4	0,4
Auto power off	53	-	-	•	-	•	-	-
Detachable Power Cable		•	•	•	•	•	•	•
Remote Control		RC001PM	RC001PM	RC003PM	RC001PM	RC003PM	RC003PM	RC003PM
System Remote Function		•	•	•	•	•	•	•
Maximum Dimensions (W x D x H) in mm		440 x 444 x 168	440 x 444 x 127	440 x 379 x 129	440 x 444 x 123	440 x 365 x 127	440 x 366 x 105	440 x 369 x 105
Weight in kg		27.0	20.0	12.0	19.0	10.5	7.5	6.7

MONO POWER AMPLIFIER	GLOSSARY	MA6100
FEATURES		
Channels		1
THX Ultra Certified	31	•
Auto Power On / Off		•
Peak Level indicators		-
Power transformer: EI / Toroidal / Super Ring		• / - / -
Symmetric PCB Layout		-
Chassis: Metal / Copper		• / -
High grade audio components		•
Customised Components		-
System Blocks Shielding: Metal / Copper		- / -
BTL Possibility		•
Separate Solid Heat Sinks		•
Standby Mode		•
INPUTS/OUTPUTS		
Audio inputs		1 (mono)
External Control In (Composite)		•
Pre-out / Main-In		• (Invert out)/•
D-Bus In / Out	43	•
Gold-plated RCA		•
Speaker terminal: Click-fit / Screw / WBT		- / • / -
AC outlets: Switched / Unswitched		- / -
SPECIFICATIONS		
Power output (8 / 4 Ohms RMS)		125 / 180 W
Power output (8 / 4 Ohms DIN)		145 / 200 W
Power output (8/4 Ohms IHF)		165 / 220 W
Total Harmonic Distortion		0.02%
Bridged power output (8 Ohms RMS)		250 W
Damping factor		60
S/N		116 dB
Channel separation: 1 kHz		90 dB
GENERAL		
Colour: Black / Gold		• / -
Metal Front Panel		•
Remote control		-
Maximum dimensions (W x H x D) in mm		88 x 146 x 470
Weight in kg		5.7

TECHNICAL DATA

SACD + CD PLAYER	GLOSSARY	SA-7S1	SA-11S2	SA-KI PEARL	SA-KI PEARL LITE	SA-15S2	SA7003	CD6003	CD5004
CD Compatibility: CD / CD-R/RW / SACD / WMA / MP3 / AAC	12	• / • / • / - / - / -	• / • / • / - / - / -	• / • / • / • / • / -	• / • / • / • / • / -	• / • / • / • / • / -	• / • / • / • / • / -	• / • / - / • / • / •	• / • / - / • / • / -
CD-Text / SACD Text / ID3 Tag/ WMA Meta Tag / AAC Meta data		- / • / - / - / -	- / • / - / - / -	- / - / • / • / -	- / - / • / • / -	- / - / • / • / -	- / - / • / • / -	• / - / • / • / •	• / - / • / • / -
iPod / iPhone compatible USB input		-	-	-	•	-	-	•	-
DAC operation mode: USB / Coax / Optical	17	- / - / -	- / - / -	- / - / •	• / • / •	- / - / •	- / - / -	- / - / -	- / - / -
HDAM version	4	HDAM+HDAM SA2	HDAM+HDAM SA2	HDAM+HDAM SA2	HDAM+HDAM SA2	HDAM+HDAM SA2	HDAM+HDAM SA2	HDAM+HDAM SA2	SA2
Power Transformer: Toroidal / EI	3	• / -	• / -	• / -	• / -	• / -	- / •	- / •	- / •
High Grade Audio Components		•	•	•	•	•	•	•	•
Customised Components	5	•	•	•	•	•	•	•	-
Symmetric circuit layout	6	•	•	•	•	•	•	•	•
Copper-plated chassis	7	•	•	•	•	-	-	-	-
Extra metal plate for chassis strengthing		•	•	•	•	•	-	•	-
Digital out off / Audio EX Mode	9	• / -	• / -	• / -	• / -	• / -	• / -	• / •	• / •
Headphone: Standard / Buffer / Current feedback		- / - / -	- / - / -	- / • (HDAM SA2)/ -	- / • (OP amp + Buffer) / -	- / • (HDAM SA2)/ -	- / • (OP amp + Buffer) / -	- / • (OP amp + Buffer) / -	- / • (OP amp + Buffer) / -
Relay muting		•	•	•	-	•	-	-	-
Selectable filter: CD / SACD		• / •	• / •	• / •	- / -	• / •	- / -	- / -	- / -
Noise shaper (on / off)		•	•	-	-	-	-	-	-
DC filter (on / off)		•	•	-	-	-	-	-	-
Digital Phase Inverter		•	•	-	-	-	-	-	-
External clock input		•	•	-	-	-	-	-	-
Zero Impedance Matching joint (copper)	8	•	•	•	•	•	-	-	-
Separated rectifier circuit for analogue and digital circuitry		•	•	•	•	•	•	•	•
System block shielding: Copper / metal / none		- / - / •	- / - / •	- / - / •	- / - / •	- / - / •	- / - /•	- / - / •	- / - / •
GMR		•	-	-	-	-	-	-	-
Display: Dimmer / Off		- / •	- / •	- / •	• / •	- / •	• / •	• / •	- / •
Low Noise LCD display		•	•	•	-	•	-	-	-
5mm Aluminum top cover		•	•	•	-	-	-	-	-
Program Play (CD)		30	30	24	24	24	24	30	30
Auto Music Scan (AMS)		•	•	•	•	•	•	•	•
Repeat		•	•	•	•	•	•	•	•
Random Play		•	•	•	•	•	•	•	•
Peak Search		-	-	-	-	-	-	-	•
Edit Recording		-	-	-	-	-	-	-	•
Pitch Control		-	-	-	-	-	-	•	•
Start Sound Mode for SACD		•	•	•	•	•	•	-	-
Quick Replay		• (5 - 60 sec.)	• (5-60sec.)	-	-	-	-	•	•
Analogue Out (Cinch)		2ch	2ch	2ch	2ch	2ch	2ch	2ch	2ch
Balanced Out	14	•	•	-	-	-	-	-	-
Digital Optical In / Out		- / •	- / •	• / •	• / •	• / •	- / 1	- / 1	- / 1
Digital Coaxial In / Out		- / •	- / •	- / •	• / •	- / •	- / 1	- / 1	- / 1
Sample Rate digital In		-	-	96 kHz / 24-bit	192 kHz / 24-bit	96 kHz / 24-bit	-	-	-
Gold-plated Cinch		•	•	•	•	•	•	•	•
USB Audio (Front) / Made for iPod / Works with iPhone		- / - / -	- / - / -	- / - / -	• / • / •	- / - / -	- / - / -	• / • / -	- / - / -
USB type B input for PC (back)		-	-	-	•	-	-	-	-
Sample Rate USB type B In		-	-	-	96 kHz / 24-bit	-	-	-	-
D-Bus		-	-	•	•	•	•	•	•
Headphone Out		-	-	•	•	•	•	•	•
Headphone Volume Control		-	-	•	•	•	•	•	•
Mechanism		FGSA7	FGSA11S2	XYRON	XYRON	XYRON	XYRON	DV11VF	DV11VF
Decoder		CXD1885Q	CXD1885Q	MT1389EE	MT1389EE	MT1389EE	MT1389EE	TC94A70FG	TC94A70FG
D/A Conversion		multi-level DAC	multi-level DAC	Multi-bit, Delta-Sigma	Multi-bit, Delta-Sigma	Multi-bit, Delta-Sigma	Multi-bit, Delta-Sigma	Multi-bit, Delta-Sigma	Multi-bit, Delta-Sigma
DAC IC		SM5866AS	SM5866AS	CS4398	CS4398	CS4398	CS4398	CS4398	CS4392
Digital Filter		DSP (Marantz)	DSP (Marantz)	CS4398	CS4398	CS4398	CS4398	CS4398	CS4392
Noise Shaper		DSP (Marantz)	DSP (Marantz)	CS4398	CS4398	CS4398	CS4398	CS4398	CS4392
Low Pass Filter stage		HDAMx2	HDAMx2	HDAM	HDAM	HDAM	HDAM	HDAM	NJM2068
Output Buffer		HDAM SA2	HDAM SA2	HDAM SA2	HDAM SA2	HDAM SA2	HDAM SA2	HDAM SA2	HDAM SA2
Headphone amp		-	-	HDAM+buffer	NJM2114	HDAM+buffer	NJM4560	NJM2068	NJM2068
SACD AUDIO									
Frequency Response (Cust.)		2 Hz - 50 kHz (+0, -3 dB)	2 Hz - 50 kHz (+0, -3 dB)	2 Hz - 50 kHz (+0, -3 dB)	2 Hz - 50 kHz (+0, -3 dB)	2 Hz - 50 kHz (+0, -3 dB)	2 Hz - 50 kHz	-	-
Dynamic Range (SA)		114 dB	114 dB	112 dB	112 dB	112 dB	112	-	-
Signal to Noise Ratio (SA)		114 dB	114 dB	110 dB	110 dB	110 dB	110	-	-
Total Harmonic Distortion (SA)		0,0009%	0,0009%	0.001%	0,002%	0.001%	0,002%	-	-
Channel Separation (SA)		100 dB	100 dB	98 dB	110 dB	98 dB	110	-	-
CDDA AUDIO									
Frequency Response		2 Hz - 20 kHz	2 Hz - 20 kHz	2 Hz - 20 kHz	2 - 20 kHz	2 Hz - 20 kHz	2 Hz - 20 kHz	2 Hz - 20 kHz	20 Hz - 20 kHz
Dynamic Range		100 dB	100 dB	100 dB	100 dB	100 dB	100	100 dB	100 dB
Signal to Noise Ratio		104 dB	104 dB	110 dB	110 dB	110 dB	110	110 dB	110
Total Harmonic Distortion		0,0015%	0,0015%	0,0015%	0,002%	0,0015%	0,002%	0,002%	0,002%
Channel Separation		100 dB	100 dB	98 dB	100 dB	98 dB	100 dB	110 dB	110 dB
Available colors: Gold / Silver / Black / Silver-Gold		• / - / - / -	• / - / - / -	- / - / • / -	- / - / • / •	• / - / - / -	- / - / • / •	- / - / • / •	- / - / • / •
Metal Front Panel		•	•	•	•	•	•	•	•
Remote Control		RC001SA	RC001SA	RC003SA	RC004SA	RC003SA	RC002SA	RC002CD	RC002CD
Power Consumption in W		26	26	20	25	20	25	19	14
Standby Consumption in W		-	-	-	0.3	-	0.5	0.3	0.4
Auto power off		-	-	-	•	-	-	-	-
Detachable Power Cable		•	•	•	•	•	•	•	•
Maximum Dimensions (W x D x H) in mm		459 x 426 x 136	440 x 415 x 127	440 x 419 x 127	440 x 344 x 109	440 x 419 x 123	440 x 339 x 107	440 x 339 x 106	440 x 340 x 105
Weight in kg		22.3	16.0	14.5	7.9	13.5	5.9	7.0	5.1

TUNER	GLOSSARY	ST6003
FEATURES		
Tuner: DAB / DAB+ / FM / MW		- / - / • / •
Customised Components	5	•
Presets		50 (FM / AM)
Auto Tuning		•
RDS: PTY / PS / RT		• / • / •
Full dot matrix display		•
Sleep / Timer		• / -
Display dimmer (via external RC)		•
Triple IR-code		•
INPUTS/OUTPUTS		
Analogue Out		1
D-Bus	43	•
FM Antenna		1
AM Antenna		1
SPECIFICATIONS		
TUNER SECTION FM		
Frequency Range		87.5 - 108 MHz
Signal to Noise Ratio (Mono / Stereo)		75 / 70 dB
Total Harmonic Distortion (Mono / Stereo)		0.2 / 0.3 %
Frequency response		50 Hz - 15 kHz
Channel Selectivity (FM)		60 dB
Usable Sensitivity		IHF 1.8 µV / 16.4 dBf
Stereo Separation		45 dB (1 kHz, Stereo)
TUNER SECTION AM		
Frequency Range: MW / LW		531 - 1602 kHz / -
Signal to Noise Ratio: MW / LW		50 dB / -
GENERAL		
Available colors: Gold / Silver / Black / Silver-Gold		- / - / • / •
Metal Front Panel		•
Remote Control		via D-Bus
Power Consumption in W		9
Standby Consumption in W	53	0.4
Detachable Power Cable		•
Maximum Dimensions (W x D x H) in mm		440 x 341 x 104.5
Weight in kg		4.1

iDOCK	GLOSSARY	IS301
FEATURES		
iPod compatibility: iPod / iPod Classic / iTouch / iPod Nano / iPod Mini		4th G and up / • / • / • / •
Synchronizing with iTunes		•
iPod charging		•
Wireless audio streaming via Bluetooth		•
Wired video streaming via CAT-5		•
Bluetooth version	47	v2.1 + EDR
Bluetooth protocol audio signal		A2DP
Bluetooth protocol control signal		AVRCP
Bluetooth operation distance (in meters)		10
Wallmountable		•
CONNECTIVITY		
Composite out		•
S-Video out		•
Component out		•
Analogue out		•
USB		•
RS232	42	•
Marantz D-bus	43	•
Built-in IR receiver		•
GENERAL		
Available colors: Silver/Black		•
Remote Control		RC001IS
Maximum Dimensions Handheld (W x D x H) in mm		67 x 30 x 150
Maximum Dimensions Base Dock (W x D x H) in mm		123 x 49 x 123
Maximum Dimensions Extender (W x D x H) in mm		191 x 60 x 36
Weight Handheld in g		68
Weight Base Dock in g		230
Weight Extender in g		230

TECHNICAL DATA

CD RECEIVER	GLOSSARY	M-CR603 MELODY MEDIA	M-CR503 MELODY MUSIC
FEATURES			
High quality power output		2 x 60 W	2 x 60 W
CD Compatibility: CD / CD-R/RW / WMA / MP3		• / • / • / •	• / • / • / •
Tuner: DAB / DAB+ / DMB-A / FM (RDS) / AM		• / • / - / • / •	- / - / - / • / •
Streaming audio from PC	16	•	-
Internet radio		•	-
vTuner / Napster* / last.fm*	50 / 51	• / • / •	-
USB Audio (Front) / Made for iPod / Works with iPhone	15 / 48	• / • / •	• / • / •
DLNA certified	49	o (v1.5)	-
Compatible streaming file types: MP3 / WMA / AAC / LPCM / WAV / FLAC		• / • / • / • / •	- / - / - / - / -
Bluetooth Audio A2DP (RX101)	47	optional	optional
Auto Tuning		•	•
Presets		99	99
Tone Control: Bass / Treble / Balance		• / • / •	• / • / •
Clock		•	•
Sleep Timer		•	•
Programmable Timer: Once / Daily / Weekday		• / • / -	• / • / -
INPUTS/OUTPUTS			
AUDIO			
Analogue In/out		3 / 1	2 / 1
Digital Optical In/Out		- / -	- / -
OTHER			
AUX-input(Front)		1	1
M-XPort for RX101	46	•	•
iPod / iPhone compatible USB input (front)	48	•	•
Subwoofer PreOut		•	•
Speaker Terminal: click fit / Screw		- / •	- / •
Headphone Out		•	•
iPod input (direct / docking station)		• / •	• / •
Speaker A / B		•	•
Bi-amping		•	•
Powered multi-room for one extra room		•	•
SPECIFICATIONS			
AUDIO SECTION			
Power Output (6 Ohms, 1 kHz)		60 W	60 W
Number of channels		2	2
Freq. Response (Analogue In)		5 Hz - 22 kHz	5 Hz - 22 kHz
Signal to Noise Ratio (audio)		86 dB	86 dB
Total Harmonic Distortion (audio)		0.05%	0,05%
DAB+ SECTION			
Receiving Range (Band III / Band L)		• / -	-
Signal to Noise Ratio DAB+ (Mono/Stereo)		90 dB	-
Total Harmonic Distortion DAB+		0.020%	-
Frequency response DAB+		20 Hz - 20 kHz	-
Stereo Separation DAB+		75 dB	-
TUNER SECTION FM			
Frequency Range FM		87.5 - 108 MHz	87.5 - 108 MHz
Signal to Noise Ratio (Mono/Stereo) FM		65 / 60 dB	65 / 60 dB
Total Harmonic Distortion (Mono/Stereo) FM		0.8 / 1.0%	0.8 / 1.0%
GENERAL			
Available colors: Gold / Silver / Black / Silver-Gold		- / - / • / •	- / - / - / •
Metal Front Panel		•	•
Remote Control		RC009CR	RC008CR
Power Consumption in W		50	50
Standby Consumption in W	53	0.4	0.4
DAB+ antenna included		•	-
Maximum Dimensions (W x D x H) in mm		280 x 302 x 111	280 x 302 x 111
Weight in kg		4.3	4.1

* Not available in all region

BD RECEIVER	GLOSSARY	M-ER803 MELODY MOVIE
FEATURES		
High quality power output		2 x 70 W
Compatibility: CD / DVD / Blu-Ray Disc	26	• / • / •
Broadcast bands: DAB / FM / MW / LW		- / • / • / -
USB Audio / Made for iPod / Works with iPhone	15 / 48	• / • / •
VIDEO / AUDIO		
BD-Live	27	•
HDMI version x.x	23	1.3a
DVD up-scaling	21	>1080p
True 24 Frames Per Second (FPS)	28	•
GUI		•
Pure Direct	9	•
Tone Control: Bass / Treble / Balance		• / • / -
Multi Channel Down Mix	40	•
Virtual surround	35	•
MP3, WMA, JPEG from: CD / DVD / USB		• / - / •
TUNER		
Auto Tuning		•
Presets		40
RDS: PTY / PS / RT		• / • / •
Clock		•
Sleep Timer		•
Programmable Timer: Once / Daily / Weekday		• / • / -
AUDIO/VIDEO COMPATIBILITY		
CD Compatibility: CD / CD-R/RW		• / •
DVD Compatibility: DVD-V / DVD-A / DVD-R / DVD-RW (video) / DVD+R/RW		• / - / • / • / -
AVCHD / DivX HD / DivX6 / DivX Ultra / Xvid (.avi) / MPEG-4	30	• / - / - / - / • / •
INPUTS/OUTPUTS		
VIDEO		
Composite Out		•
HDMI Out (version x.x)	23	• (1.3a)
AUDIO		
Analogue In / Out		3 / -
AUX In (Front)		•
Analogue Out: 2ch / 5.1ch / 7.1ch (Cinch)		• / - / -
M-XPort for RX101	46	•
Subwoofer Out		•
Headphone Out		•
OTHER		
USB Audio(Front) / Made for iPod / Works with iPhone	48	• / • / •
USB input for BD-Live (back)		•
Ethernet (BD-Live / update)		• / -
D-Bus	43	-
SPECIFICATIONS		
AUDIO SECTION		
Power Output (6 Ohms, 1 kHz)		70 W
Number of channels		2
Freq. Response (Analogue In)		5 Hz-20 kHz
Signal to Noise Ratio (audio)		90 dB
Total Harmonic Distortion (audio)		0.03%
TUNER SECTION FM		
Frequency Range FM		87.5 - 108 MHz
Signal to Noise Ratio (Mono/Stereo) FM		65 dB / 60 dB
Total Harmonic Distortion (Mono/Stereo) FM		na
TUNER SECTION AM		
Frequency Range AM		522 - 1620 kHz
Signal to Noise Ratio AM		45 dB
GENERAL		
Available colors: Gold / Silver / Black / Silver-Gold		- / - / • / -
Metal Front Panel		-
Remote Control		RC001ER
Power Consumption in W	53	67
Standby Consumption in W		0.5
Maximum Dimensions (W x D x H) in mm		280 x 302 x 111
Weight in kg		5.0

NETWORK AUDIO PLAYER	GLOSSARY	NA7004
FEATURES		
Streaming audio from PC	16	•
Internet radio		•
vTuner / Napster*	50 / 51	• / • / •
Tuner: DAB / DAB+ / DMB-A / FM (RDS) / AM		• / • / - / • / •
USB Audio (Front) / Made for iPod / Works with iPhone		• / • / •
DAC operation mode: USB B type / Coax / Optical	17	• / • / •
DLNA certified	49	• (v1.5)
Compatible file types: MP3 / WMA / AAC / WAV / FLAC		• / • / • / • / •
Control: Web / iPhone App / iTouch App		• / • / •
HDAM version	4	HDAM + HDAM SA2
Power Transformer: Toroidal / EI		- / • (shielded)
High Grade Audio Components		•
Customized Components	5	•
Symmetric circuit layout	6	•
OTHER		
Copper-plated chassis	7	-
Extra metal plate for chassis strengthing		•
Headphone: Standard / Buffer / Current feedback		- / • / -
Display: Dimmer / Off		• / •
Sleep / Timer		• / -
IN/OUTPUTS		
iPod / iPhone compatible USB (front)	48	•
USB type B input for PC (back)	15	•
Sample Rate USB In		96 kHz / 24-bit
Analogue Out		1
Ethernet port		•
DMB-A terminal		-
DAB terminal (1F)		•
FM Antenna		•
Digital Inputs: Coaxial / Optical		• / •
Digital Outputs: Coaxial / Optical		• / •
Sample Rate digital In		192 kHz / 24-bit
M-XPort for RX101	46	•
Marantz remote bus	43	•
RS232	42	•
SPECIFICATIONS		
D/A Conversion		Multi-bit, Delta-Sigma
DAC IC		CS4398
Digital Filter		CS4398
Noise Shaper		CS4398
Low Pass Filter stage		HDAM SA2
Output Buffer		HDAM SA2
Headphone amp		NJM2068
DAB+ SECTION		
Receiving Range (Band III / Band L)		• / -
Signal to Noise Ratio DAB+ (Mono/Stereo)		90 dB
Total Harmonic Distortion DAB+		0.02%
Frequency response DAB+		20 Hz - 20 kHz
Stereo Separation DAB+		75 dB
TUNER SECTION FM		
Frequency Range		87.5 - 108 MHz
Signal to Noise Ratio (Mono / Stereo)		65 / 60 dB
Total Harmonic Distortion (Mono / Stereo)		0.8 / 1.0%
Frequency response		50 Hz - 15 kHz
Channel Selectivity (FM)		50 dB
Usable Sensitivity		IHF 1.8 µV / 16.4 dBf
Stereo Separation		42dB
GENERAL		
Available colors: Gold / Silver / Black / Silver-Gold		- / - / • / •
Metal Front Panel		•
Remote Control		RC001NA
Power Consumption in W		23
Standby Consumption in W	53	0.4
Detachable Power Cable		•
Maximum Dimensions (W x D x H) in mm		440 x 106 x 353
Weight in kg		6.5

* Not available in all region

CD CHANGER	GLOSSARY	CC4003
FEATURES		
Disc Capacity		5
CD Compatibility: CD / CD-R/RW / SACD / WMA / MP3 / AAC	12	• / • / - / • / • / -
CD-Text / SACD Text / ID3 Tag / WMA Meta Tag / AAC Meta data		- / - / - / - / -
Power Transformer: Toroidal / EI	3	- / •
High Grade Audio Components		•
Headphone: Standard / Buffer / Current feedback		• / - / -
OTHER		
Zero Impedance Matching joint (copper)	8	-
Separated rectifier circuit for analogue and digital circuitry		-
System block shielding: Copper / metal / none		- / - / •
Display: Dimmer / Off		• / -
PLAYBACK		
Program Play		50
Auto Music Scan (AMS)		-
Repeat		•
Random Play		•
Peak Search		-
Edit Recording		-
Pitch Control		-
Start Sound Mode for SACD		-
Quick Replay		-
INPUTS/OUTPUTS		
Analogue Out (Cinch)		2ch
Gold-plated Cinch		•
USB Audio (Front) / Made for iPod / Works with iPhone	48	-
D-Bus	43	•
RS232	42	•
Headphone Out		•
Headphone Volume Control		•
Flasher In	45	•
SPECIFICATIONS		
Mechanism	13	DA11VF
Decoder		CDX3059
D/A Conversion		Multi-bit, Delta-Sigma
DAC IC		CS4392
Digital Filter		CS4392
Noise Shaper		-
Low Pass Filter stage		NJM2068
Output Buffer		-
Headphone amp		NJM4556
CDDA AUDIO		
Frequency Response		20 Hz - 20 kHz
Dynamic Range		100 dB
Signal to Noise Ratio		112 dB
Total Harmonic Distortion		0,0027%
Channel Separation		98 dB
SPECIFICATIONS		
Available colors: Gold / Silver / Black / Silver-Gold		- / - / • / -
Metal Front Panel		•
Remote Control		RC003CD
Power Consumption in W		18
Standby Consumption in W	53	< 0.5
Auto power off	53	-
Detachable Power Cable		•
Maximum Dimensions (W x D x H) in mm		440 x 404 x 114
Weight in kg		7.0